Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

G94

W. W. TRACY, JR.

JAMES J. H. GREGORY AND SON

LIBRARY,
Department of Agriculture,
Washington, D. C.

Chalk's Early Jewel Tomato

· See Page 4. ·

1905 VEGETABLE 1905

AND

FLOWER SEEDS

Catalogue Free For All

Marblehead, Massachusetts

FRANKLIN ENG. CO. BOSTON

BOOKS FOR FARMERS AND OTHERS.

FERTILIZERS: Where the Materials come from, where to get them in the Cheapest Form, how to Compound Formulas, Etc., By James J. H. Gregory, Marblehead, Mass.

For more than twenty-five years we have made use of what are known among farmers as "fertilizers," as distinguished from the manure of the barnyard, using in recent years, mostly in the drill, from thirty to eighty tons annually. Of late we have compounded these ourselves, purchasing the materials and various chemicals where we could find the best articles cheapest. We have repeatedly been urged by the agricultural societies, before whom we have lectured on the subject of Fertilizers, to publish our lectures. To oblige our many friends who have made this request. and as a help to many of our customers who are seeking help along this dark and difficult road, we have done so In our little work there will be found many valuable tables, with many suggestions, and much information on the purchase of materials, the combining of them, and the use of the fertilizers made from them. We believe it will give a good return to any of our customers for their outlay. The treatise makes a book of 116 pages; price, per mail, 40 cents.

Single copies of either of the four following treatises sent by mail for 30 cents, or the five for $1.35. Seed dealers and booksellers supplied at the usual discount.

ONION RAISING. What kinds to Raise, and the Way to Raise Them. By J. J. H. Gregory, Marblehead, Mass.

This work, which we issued in 1865, has been warmly recommended by some of the best authorities in the country, and has gone through fifteen editions. It treats on Onions raised from seed, Potato Onions, Onion Sets, Top Onions, Shallots, and Rareripes, the Onion Maggot, Rust, the merits of the different varieties of Onions, instructions in seed raising, and how to tell good seeds,—beginning with the selecting of the ground, and carrying the reader along, step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject. Illustrated with thirteen engravings of Onions, Sowing Machines and Weeding Machines.

SQUASHES, AND HOW TO GROW THEM. By J. J. H. Gregory, Marblehead, Mass.

This treatise is of about the same size and style as our treatise on "Onion Raising," and contains several illustrations, including a section of our squash house, with full directions for erecting one. In plan and thoroughness it is similar to our Onion treatise; *very minute and thorough.* Beginning with the selection of soil, it treats of the best way of preparing it; the best manures and the way to apply them; planting the seed, protecting the vines from bugs and maggots, the cultivation, gathering, storing, and marketing of the crops; giving hundreds of minute details so valuable to inexperienced cultivators. We have written this and our other treatise on the theory that what the public want is *minuteness and thoroughness of detail.* The present edition is up to date.

CABBAGES, AND CAULIFLOWERS—HOW TO RAISE THEM. By J. J. H. Gregory, Marblehead, Mass.

This treatise gives all the minute instructions so valuable to the beginner. It begins with the selecting the ground, and carries the reader along step by step, through the preparing of the soil, manuring, ploughing, planting, hoeing, weeding, gathering the crop, storing and marketing it, with a hundred minute details embracing every department of the subject.

To prepare ourselves the more thoroughly to write on this work, we experimented on foreign and native varieties of cabbage for four years, raising not far from seventy kinds. The gist of our experience will be found in this treatise. It is illustrated by several fine engravings. We have added a paragraph on the green worm that is causing so much trouble in some localities. The present edition has additions and improvements.

CARROTS, MANGOLD-WURTZELS, AND SUGAR BEETS: What kinds to Raise, How to Grow Them, and How to Feed Them. By J. J. H. Gregory, Marblehead, Mass.

The increased attention given to the raising of roots for feeding to stock, particularly the Carrot and Mangold-wurtzel, has led us to write this treatise. We have endeavored to follow the manner presented in our other works, and give that minuteness of detail in every step of progress, from the seed to the matured crop, that is generally desired by the public. While this work is more particularly intended for persons of limited experience, yet it gathers up so much of experience and observation, covering so much ground in the growing and handling of these two standard crops, that we should be disappointed if about every grower did not find within its covers some facts of more value to him than the cost of the book.

We offer the following list of works, all by authors of high repute, any of which will be sent postpaid to any address in the United States, Canada, or British Provinces, on receipt of price. On many of the books named below prices have been reduced.

Alfalfa, by F. D. Coburn. Its growth, uses and feeding value	$0.50
Asparagus Culture. Its culture for home use and for market	.50
American Sugar Industry. (New.) A practical manual on the production of sugar from beets and cane	1.50
Broom Corn and Brooms (Cloth.)	.50
Cranberry Culture. By Joseph J. White	1.00
Dreer's Vegetables Under Glass. A practical treatise upon a timely subject	.25
American Fruit Culturist. Thomas. (New.) This contains cultural directions for all fruit adapted to the United States. With nearly eight hundred engravings	2.50
Fences, Gates and Bridges. (New.) How to build them. Over 100 engravings	50
Fruit, harvesting, storing and marketing	1.00
Forage Crops other than Grasses. (New.) How to cultivate, manage and use them. This work is practical from beginning to end	1.00
Fuller's Grape Culturist	1.50
Fuller's Nut Culturist. (New.) A first-class work	1 50
Fuller's Small Fruit Culturist	1.00
Fuller's Strawberry Culturist	.25
Hemp. (New.) A practical treatise on the culture of hemp for seed and fiber. With a history of the hemp plant	.50
Harris on the Pig. By Joseph Harris	1.00
Harris' Talks on Manures	1.50
Henderson's Gardening for pleasure	1.50
Henderson's Gardening for Profit	1.50
Home Pork Making by A. W. Fulton. As its title indicates, a practical work	.50
Land Draining. Miles	1.00
Mushrooms. How to Grow Them	1.00
Oemler's Truck Farming for the South. (New.)	1.00
Our Farm of Four Acres (Paper.)	$ .30
Peach Culture. Fulton	1.00
Pictorial Greenhouse Management. (New.) A practical manual giving directions for the general management of greenhouses	.75
Plant Breeding (new) by Prof. L. H. Bailey. This will enable gardeners and horticulturalists to experiment intelligently in crossbreeding	1.00
Plums and Plum Culture. (New.) A complete manual for fruit growers on all known varieties of plums and their management	1.50
Practical Fruit Grower. By Maynard. Valuable both to the amateur and large grower	.50
Practical Floriculture. By P. Henderson	1.50
Quince Culture. By W. W. Meech	1.00
Quinn's Pear Culture for Profit	1.00
Quinby's New Bee Keeping	1.00
Rawson's Celery and Its Cultivation	.25
Silos, Ensilage and Silage. A practical treatise. By Manley Miles	.50
Spraying Crops. Why, When and How. (New.) As the title indicates, this little book will be appreciated by fruit growers and farmers	.50
Sweet Potato Culture	.50
The New Rhubarb Culture. By Morse and Fiske. A complete guide to dark forcing and field culture	.50
The New Egg Farm. Stoddard. (New Edition.)	1.00
The New Onion Culture. Greiner	.50
The Spraying of Plants (new) by Prof. Lodeman. The standard work upon Spraying	1.00
The Horse: How to buy and sell	1.00
The Forcing Book (new) by Prof. L. H. Bailey. A manual of the cultivation of Vegetables in glass houses	1.00
Tobacco Culture	.25
Webb's Cape Cod Cranberries. By a Cape Cod Man	.40

JAMES J. H. GREGORY & SON, MARBLEHEAD, MASS.

(CONNECTED BY TELEPHONE.)

TO OUR PATRONS. Our customers will please notice that our prices by mail are postpaid by us, those by express (or freight) are at purchaser's expense for charges. The seed sent by express or freight we price 8 cents less per pound than when sent by mail. Some may not be aware of the fact (this does not apply to goods sent by express) that the freight on one hundred pounds of merchandise does not, as a rule, cost more than ten pounds or less. When not ordered by mail, it is desirable that customers should indicate whether they wish their seed sent by express or freight; when no preference is given we will use our best judgment in their behalf. We make no charge for boxes or packing.

Last season we were short of Lackey and Quincy Market Corn and Carmine Podded Dwarf Horticultural Beans. We are happy to inform our customers that this season we expect to be able to fill every order. We expect also to be able to fill all our orders for Gradus, Thomas Laxton and Nott's Excelsior peas. Most varieties of seed beans and some of peas and of sweet corn, will be scarce this season. With these exceptions the seed crops of this country are about an average. Among the vegetables offered the present season we would especially invite the attention of our customers to the Early Morn and Sutton's Excelsior peas, the Noroton potato and the Volga cabbage. They can make no mistake in planting these if they have a market which calls for them. The high price of this new potato was fixed by the firm who had control of it; nevertheless, being earlier than any other market sort, a better cropper and of better quality, all of which is claimed for it, the public will insist on having it and with an increase of twenty to one, each bushel of the crop grown will have to bear but one-twentieth of the high cost of the seed purchased the present season, and the enterprising farmers of the country will, we doubt not, as was the case with the Early Rose, eagerly snatch up another season all that can be grown this.

In my seventy-eighth year I sit down to send my annual greetings to the many thousands of friends with whom I have enjoyed many seasons of pleasant intercourse; with some of you well nigh to fifty years. I trust that this finds you enjoying the blessings of good health and prosperity, not only in worldly affairs but in everything where attainment lifts us to a higher manhood and nobler womanhood. I am happy to be able to say that I am in the enjoyment of many blessings, physical, mental and moral, for which I daily thank that dear father and mother (long since departed this earth) who gave them to me as a heritage, and the great loving Father of us all through whose laws they were enabled to transmit blessings to their many children. Not having been blessed with a family of my own, I adopted at one time in early marriage life four little children, strangers to me and straugers to each other; these I educated (and many other unfortunate ones) and now, in my declining years I enjoy the pleasure of being called "Grandpa" by seventeen bright, healthy little ones.

J. J. H. GREGORY.

Free Seeds. — With average orders for years we have practised dropping in an extra package of some nice variety, very likely a novelty, *which we would be pleased to have our customers test and report on.*

Testing Seed. — Before sending out, nearly two thousand tests of the vitality of both vegetable and flower seeds are made every season, and thousands of dollars' worth thrown away, all of which is more or less good, but not up to the standard for honest seed.

☞**Orders promptly filled as soon as received,** or will be promptly acknowledged by postal card, should there, for any reason, be a delay of a day or so in their filling.☜

☞**All roots, bulbs, etc., intended for seed purposes, are selected with the utmost care.**☜

The Three Warrants. — All seeds sent out from our establishment are always sold under our three warrants: viz, 1st. That our seed shall be what it purports to be: *so far as that we* hold ourselves ready to refill the order anew, or to send other seed to the same amount, gratis, should it prove defective in any respect. ☞What is there to gain by selling poor seed after having made this warrant?☜ 2d. That all money sent for seeds over one dollar shall reach us if sent by Post-office order on Marblehead, Express Money Order, Registered Letter, Draft, or Cashier's Check. Sums of one dollar and under may be sent at our risk. 3d. That the seed ordered shall reach every one of our customers. Thus we warrant everything but the crop.

Payment for Seed. — *Cash (as above) to accompany all orders.* When it is necessary to enclose postage stamps *be sure not to moisten them in the least:* the higher denominations, *but not above fifteen cents* in value, preferred. Do not send special delivery stamps. Money orders, when of the value of one dollar and upwards, may be purchased at our expense, the cost being deducted from the amount remitted. Occasionally a customer remits more or less than sufficient to pay for the seed ordered. In the former case the balance will be returned to his address; in the latter, the order will be filled out as far as the money goes. Always send stamps instead of specie. Let us advise our friends, before ordering their seed sent by express, to figure carefully and see if it would not be much cheaper for them (as is almost invariably the case with small parcels) to have them sent by mail. We would advise our customers *not* to order their seed C. O. D., particularly when the orders are small, as we have to add the cost of collection and return charges to the cost of the seed to make ourselves whole.

All packages, Ounces, Quarter Pounds, Pints and Quarts ordered at mail prices named will be mailed by us postpaid. With the exception of orders received from Canada and the British Provinces on which we ask our customers to remit one cent for every two ounces ordered which is just half what the postage costs us. Where quarts or pounds are ordered to be sent either by freight or express, as our tables show, we make a deduction, Pecks, bushels and larger lots we deliver to express or railroad offices free of charge, leaving the charges per express or railroad to be paid by the purchaser.

We have arranged with the American Express Company to receive orders for anything in our catalogue at any place where that company has an agency. They will advance us the cost of all goods up to $5, and collect it of you. For bills over $5 an Express Money Order can be sent with order for goods.

Reduced Express Rates. By special arrangement with all the express lines in the United States and Canada, in the traffic agreement, seeds and plants are now carried at the reduced rate of 20 per cent, less than merchandise rates, when payment is guaranteed by us. Our customers will find these reduced express rates almost as cheap as freight on small quantities.

We can now bill goods per B. & M. R. R. at one rate from Marblehead to about all points in New England.

☞**BE CAREFUL TO WRITE YOUR ADDRESS IN FULL, GIVING YOUR NAME, POST-OFFICE, COUNTY AND STATE. Who belongs to the no name series? For two months of our last year's seed season we averaged three letters daily without signatures.** *A word to the wise is sufficient.*☜

☞**Now and then,** though rarely, there happens an instance of a mail package being lost in transit. When writing of any delay in time of package reaching you, always repeat your first order.☜

We Thank Our Friends for very acceptable presents we are constantly receiving from them of vegetable seed that are new or choice in their localities. We plant them on our experimental grounds to compare them with standard varieties, and will be happy briefly to report results, when desired to do so.

DISCOUNTS.

To all market gardeners, those whose orders amount to ten dollars or more, we make special rates which are published in a circular which will be sent on application. Discounts on retail orders will be made as follows:

5 per cent on all orders for seed amounting to $5.00 and upwards
10 " " " " " " $10.00 "
12 " " " " " " $25.00 "

No discount allowed on beans and peas by the bushel, grass seed, potatoes, onion seed, onion-sets or implements.

On packages of vegetables customers sending $1 00 may select seed to the value of $1.25.
" " " " 2.00 " " " 2.60.
" " " " 3.00 " " " 3.75.
" " " " 4.00 " " " 5.00.

These discounts do not apply to collections of vegetable or flower seeds; for these see pages 51 and 63.

☞We invite comparison between our prices and those of any first-class seedman, with the exception of some varieties of onion seed which are New England grown, of which for years we have made a specialty.

For special rates on Onion Seeds in quantity see page..... 24
" " Collections of Vegetable Seeds see page... 51
" " " " Flower Seeds see page..... 63

☞**We challenge competition (with first-class seedmen) in pricing large orders.**

Terms to dealers, clubs, grangers and large market gardeners given on application.

JAMES J. H. GREGORY & SON'S NOVELTIES IN VEGETABLE SEEDS FOR 1905.

For nearly forty years our experimental grounds have been one of the most interesting portions of our farm. We follow the development of the varieties, note book in hand, several times during the growing season. We find but a fraction of what is grown there worthy of cataloguing, and what we do present to our customers can be relied on to be worthy of cultivation as far as personal experience under the conditions we can control can determine.

THE VOLGA CABBAGE.

☞ The Most Valuable Cabbage Introduced the Last Twenty-Five Years. ☜

Volga Cabbage.

We rank this new Russian Cabbage in its present high development, through the fostering care of Mr. C. L. Allen, the well-known seed grower and botanist, for a period of eleven years, as being as great a contribution to cabbage culture in the United States as is the Delicious squash in its department. In it we have what may well be called the king of the early Drumheads. Think of a cabbage growing to weigh from eight to fifteen pounds; decidedly earlier than Early Summer and within a few days of being as early as Early Wakefield! In introducing that pea "Nott's Excelsior" to the public, we ventured the prophecy that within a few years it would outsell and finally replace the then universally grown American Wonder. We will now venture another prophecy, viz., that the popularity of the Volga, both as an early cabbage and one to be raised after peas and potatoes, will spread like wildfire and within six years in all great cabbage growing districts it will have outstripped all competitors, and have become the leading early Drumhead cabbage throughout the United States.

Our inference is not at all founded on hearing but on what we have seen of its character while growing among numerous other varieties in our testing grounds. To our own experience we may add that of an expert employed by the Agricultural Department at Washington to make a test of the comparative merits of the numberless varieties of cabbage to be found in this and other countries. His conclusion is that the Volga stands head and shoulders above all in its class. The Volga makes splendid heads, as round as a cannon ball, the largest a foot in diameter, measured either way. These stand right out, which makes the cutting of them very easy with but very little waste. None of our customers who raise cabbage for an early market or plant them after their early crops are off can make any mistake in planting the Volga whether they raise one acre or a dozen. So certain are we of this, that we will agree to refund their money should there be such a case. Perhaps it is hardly wise for us to speak so highly of this new cabbage, for our supply of seed is rather limited. **Price, per pound, postpaid, $4.58; per 1=4 pound, $1.40; per ounce, 45 cts.; per pkg., 15 cts.**

CABBAGE LETTUCE.

"May King."

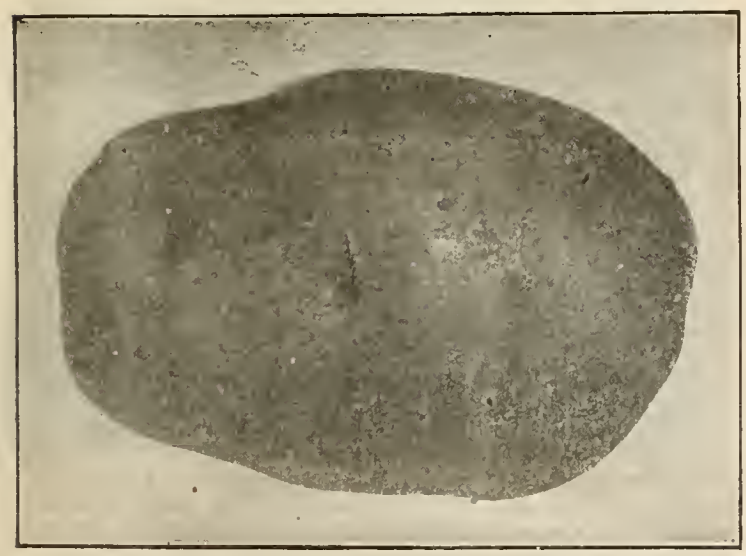
This choice variety has proved itself capable of satisfying the most exacting requirements that could be made on an early outdoor Lettuce; while it can also be easily grown in a cold frame. It is not in the least affected by cold or wet weather, grows very quickly and produces even in poor soil splendid, globular heads which are ready 10 to 14 days before any other and stand a long time before running to seed. Externally of a yellowish green with light brownish tinge, the leaves are inside of a golden yellow shade, and in point of flavor unexcelled by any sort. In Germany this Lettuce has been highly appreciated. Wherever grown or tried it is sure to command a brisk sale and become very popular. **Price, per ounce, 35 cts.; per pkg., 15 cts.**

Giant Golden Heart Lettuce.

Originated from the Giant Crystal Head, this novelty is distinguished by the rich golden yellowish color on the inside of heart. The outside leaves are dark green; the heads somewhat conical in shape, rather solid and of enormous size, measuring 15 in. across.

Price, per ounce, 40 cts.; per pkg., 15 cts.

Gold Coin Potato.



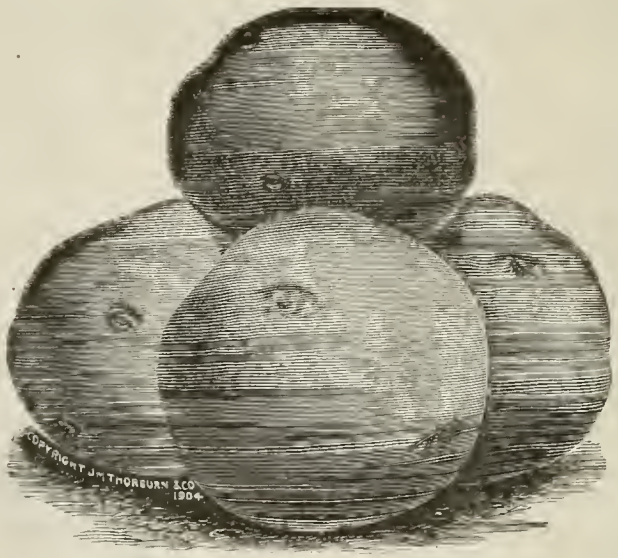
"That's a great potato you have there, Mr. Gregory," said one of our oldest hands who had helped dig the crop. He did not refer to size but to the general excellence of the crop, and he was right. We don't know of any potato now before the public that, take it all round, equals it. We don't see why any farmer with fair soil in fair condition cannot raise 325 bushels of Gold Coin to the acre, which was our crop, if he uses 1500 pounds of some good potato fertilizer to the acre (we used Bradley's), 800 well mixed in the drill and 700 harrowed in, which gave us our crop. One of the best things about it was that about every potato was of good market size and none were excessively large. For table use wife believes Gold Coin is hard to beat, in mealiness and rich flavor. The tubers are finely shaped as the engraving shows; are white skinned and have that rich, russety appearance which is the delight of every potato grower. Give this potato but a fair chance and it will return 300 or more bushels to the acre to every farmer. **Price, per bbl., per express, $5.25; per bush., $2.60; per peck, 90 cts.; 3 lbs., per mail, postpaid, 80 cts.; 1 lb., 35 cts.**

Clark's Pride.

This variety must not be confounded with Clark's No. 1 which we introduced several years ago.

With the exception of the Noroton we do not know of any potato we would recommend for general merits as an early variety in preference to Clark's Pride, which we illustrate with a specimen taken from our crop of this season. While as early as New Queen, Thoroughbred and Early Harvest it is of better quality and a first-class cropper for an early sort, yielding 250 bushels to the acre on our grounds last season on fertilizer only, on ground that we cropped with corn the year before which we also raised on fertilizer alone. We used on the Clark 1500 pounds of Bradley's potato fertilizer, 800 in the hill thoroughly mixed with the soil and 700 broadcast and harrowed in. A very strong recommendation for Clark's Pride is its superior quality for the table; it proved to be the best of 40 varieties grown side by side. The vines are stout, healthy, not subject to blight; the tubers are white with eyes close to surface, shape very symmetrical. **Price, per bbl., per express, $4.50; per bush., $2.25; per peck, 80 cts.; per mail, postpaid, 70 cts.; 1 lb., 30 cts.**

Noroton Beauty Potato.



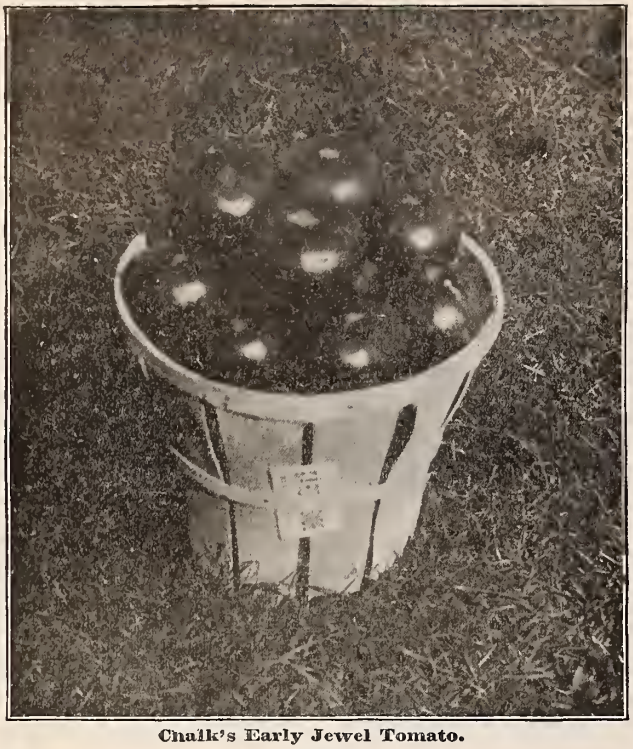
The extravagant claims made for the Noroton would have turned us from it as a humbug, but they were made by one of the oldest and most reliable seed firms in the United States, a firm that has introduced such now well known potatoes as Beauty of Hebron, Rural New Yorker, and Carmen, Nos. 1 and 3, varieties that rank about equal to the Early Ohio, Burbank and Delaware of our own introduction. They make the following remarkable claims for the Noroton:

It is the earliest Potato ever grown.
It is by far the most productive extra-early, yielding as heavily as any of the medium early sorts.
It is handsomer in appearance and more uniform in size and shape than any other variety.
Its table quality is superb and it keeps longer than any other sort, early or late.
It is the best all-round Potato in existence.

These claims are endorsed by men of the highest authority on potatoes, including E. L. Coy, who originated the Beauty of Hebron and C. L. Allen, the distinguished botanist and seed grower. Mr. Coy declares it to be "the earliest variety having market value that he has ever known. Planted May 14 they were in fine condition for table July 14, no other variety having tubers larger than walnuts. There is no variety of finer table quality. Shape round; color white with a slight splashing of pink. You ought to make much greater claim for its productiveness; it has outyielded any variety in this section; it is the *very best all round potato on earth.*"

Mr. C. L. Allen states: "It is from 5 to 10 days earlier than Bovee or Ohio. It is remarkably uniform in shape and of a most desirable size for market. We find that the tubers, whether large or small, cook dry and are of fine flavor, which would be inferred from the fact that it came from the Peach Blow, which in its day was the most floury potato known." Others emphasize that same characteristic, Mr. Ingalsbee finding it to be "sixteen days earlier than Early Rose." By reason of the high price of the Noroton the monopoly of it the next season will be in the hands of a few. Those farmers who made the greatest profit on the Early Rose at the time of its introduction are those who paid $40 per barrel. It will probably be the same with this new wonder. If it shall yield 20 barrels for one planted, which will doubtless be within bounds under the high cultivation it will receive, then at $44 per barrel for the seed the crop will cost less than $2.20 more per barrel than common potatoes. Assuming that the price of these shall be $1.50 per barrel, then should they sell at but $3.70 per barrel we shall make as much off these as on the common sorts and all above *will be made a clear extra profit.*

	By mail or express, prepaid	By express or freight, not prepaid
1 pound	$0 85	$0 75
2 pounds	1 50	1 30
4 pounds	2 75	2 40
8 pounds	5 00	4 25
Per peck (15 lbs.)		7 00
Per half bushel (30 lbs.)		13 00
Per bushel (60 lbs.)		24 00
Per barrel (165 lbs.)		44 00



Chalk's Early Jewel Tomato.

Prince of Denmark Feeding Sugar Mangold Beet.

Prince of Denmark Sugar Beet.

As every farmer knows, beets are valuable for raising for cattle feed just in proportion to the quantity of sugar they contain and the amount of crop they will yield. Now this variety has been carefully tested for six years, side by side with five other standard sorts, with the result that it has averaged both richer in sugar and a heavier cropper than either of them. What can be better for winter feed for cows or hogs (don't ever begin to feed before middle of December) than this new, rich, heavy yielding Sugar Mangold?

Price, per pound, postpaid, 88 cts.; per 1-4 pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

Ginseng.

Once or twice in our experience as seedsmen, covering nearly half a century, we have, through the untruthfulness of others, been led to recommend to our customers novelties that turned out to be worthless; it shall not be so with Ginseng, for in the face of all the glowing accounts of those who represent it to be but another name for gold, we declare our belief in its being practically but a humbug, the market for this whim being so limited that if one per cent of the roots sold thrived as promised, half the crop would have to go to the manure heap.

CHALK'S EARLY JEWEL TOMATO.

(SEE FRONT COVER.)

Our friend, Mr. Russell, president of our County Agricultural Society, and one of the most extensive market gardeners in eastern Massachusetts, first called our attention to the great merits of this tomato as a standard market sort. He gives it the preference to all of the many varieties he has raised. We have also before us a letter received from another prominent market gardener, Mr. Orlando Newhall, who writes us as follows: "As regards Chalk's Early Jewel, I would say that I have planted it the past three years and have found it to be the best early I have ever raised, and I have tried a great many 'early' and 'extra early' varieties. It is both early and smooth, and last year I raised between 700 and 800 pounds in the greenhouse and they were as handsome a lot as any one could wish to see." Another gardener says of it, "It is with me large, bright, red fruited, uniformly smooth, very solid and heavy; vines large and a very heavy cropper." Another valuable trait claimed for the Jewel is that Mr. Chalk, its originator, has, by years of effort, got in it a variety which is extra hardy and remarkably free from rust. While we continue to recommend the Noltes and Earliana as the earlier varieties, we can heartily endorse the Jewel as a heavier cropper and a most excellent sort for the main crop. It will be seen by the illustrations on the cover and above, that the fruit is as regular in shape and about as round as a mass of baseballs.

Price, per pound, postpaid, $3.58; per 1-4 pound, $1.10; per ounce, 35 cts.; per package, 15 cts.

Gregory's Early Mammoth Corn.

(For illustration see Back Cover.)

This King of the Earlies, as it might well be called, originated from a sport which we found in a field of a dozen acres of Original Crosby. By isolation for several seasons we fixed the type. It ripens just about with the Crosby and resembles it in number of rows, 12 to 16, in shape of kernels and sweetness, but grows to average half as large again. This great size in so early a variety makes it a great favorite with our next neighbor, a prominent market gardener, and will be likely to with every market gardener among our customers when they have given it a trial.

Price, per peck, per express, $1.25; per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

Vickery's Forcing Cucumber.

Probably the finest strain for forcing (or outdoor cultivation) in the United States. Every greenhouse man considers himself fortunate if he gets it. After an effort continued through several years we were most fortunate in securing a small stock of seed from Mr. Vickery, for years famous in eastern Massachusetts for the high quality of his cucumbers. It starts with us perfectly pure and we have prefixed Mr. Vickery's name to the strain we offer as a guaranty

that we hold ourselves responsible in the future to so select stock and so isolate it that the highest standard shall be maintained. The characteristics of this fine cucumber are, that while it has retained some of the best traits of the White Spine which is one of its parents, it attains a greater length, holds its rich green color well down to the end and is a wonderful cropper, the ground being almost literally covered with perfect fruit. Market gardeners will find that the cucumber does as well out of doors as under glass. The seed we offer we raised on our own farm.

Price, per pound, postpaid, $6.08; per 1-4 pound, $1.75; per ounce, 60 cts.; per package, 20 cts.

Snowbound Watermelon.

Lewis Perfection Muskmelon.

We present a cut from a photograph supplied by Mr. Lewis, of Pontiac, Mich., its originator. Shape, nearly round; as thick on blossom end as on the side. Color, dark green until it begins to ripen when it turns partly yellow. Slightly netted. The green and gold color interspersed with the fine netting makes it the handsomest fruit imaginable. Very prolific, a rampant grower, a few days earlier than Osage fruit; averages from eight to fifteen pounds; has been grown to weigh thirty-five pounds.

Mr. Philip Breitmeyer, President of the Society of American Florists, writes: "This melon is, without doubt, the best we have ever eaten. My family will bear me out in this." Writes Whitfield & Young, grocers of Pontiac: "Lewis's best muskmelon sells more readily with us at 25 cts. each, than the best Osage Melons do at 10 cts." Mr. A. C. Thompson of Rocky Ford, Colo., despite the fact that he is making a fortune selling the Rocky Ford Melons, says: "There is a melon grown by a man named Lewis which is said to be the most luscious and of the finest flavor of any found in the world. I had a small one at the Waldorf-Astoria Hotel and paid one large shining Rocky Ford dollar for it. It was a stiff price, but knowledge is cheap at 100 cents. That Michigan melon made all of the fruit from Rocky Ford appear at a discount."

Price, per pound, postpaid, $6.08; per 1=4 pound, $1.75; per ounce, 60 cts.; per package, 15 cts.

Dauphine Early Pumpkin.

Snowbound Watermelon.

Of the Snowbound Mr. Corry, the great melon raiser, writes us: "During the many years I have devoted to the growing of melons for the seed trade, I have grown but few varieties that have impressed me so favorably as Snowbound for both shipping and home use. The vines are very vigorous and heavy bearers of large gray, oblong melons, with rind tough enough for good shippers, while the flesh is tender, sweet, and of fine flavor and destitute of the hard spots that some melons have that are characterized as shippers." In size it is from large to very large.

Price, per pound, postpaid, $2.58; per 1=4 pound, 75 cts.; per ounce, 25 cts.; per package, 15 cts.

Golden Sweet Corn.

Several years ago a golden sweet corn was catalogued (we believe the name was "Gold Coin") to which there were two very serious objections: it was very late, and, besides, had a disagreeable field corn flavor. We now introduce to our customers one that is very early, very sweet, very hardy and of a delicious flavor, one that will become a favorite in every community wherever it is grown. In its rich delicacy of flavor it differs from all the white varieties of sweet corn.

Price, per peck, per express, $1.60; per quart, per express, 40 cts.; per quart, postpaid, 52 cts.; per package, 10 cts.

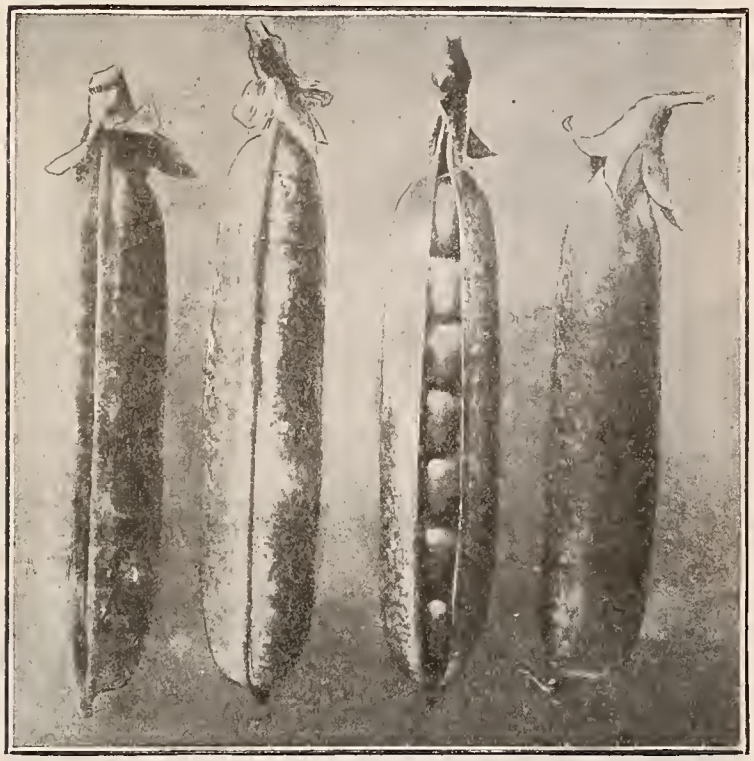
Lewis Perfection.

Dauphine Early Bush Pumpkin.

Here we have something hitherto wholly unknown, a real bush pumpkin. This most distinct variety is a gift from Europe to America as some return, perhaps, for the many splendid varieties of squash we have offered her. The Dauphine bears pumpkins every way like to our common field variety but they are larger, weighing from eight to thirteen pounds, but instead of these growing along on runners they grow in a compact mass in a circle close around the centre of the hill. Owing to its compact, bushy habit, the plants can be grown more closely together than the common variety and this compact growth permits a ready passage between the hills for cross cultivation.

Price, per ounce, 40 cts.; per package, 15 cts.

Pedigree Extra Early Pea.



The Pedigree Extra Early is the purest strain of very early peas ever offered to the trade. The pods are good length and well filled and the strain is prolific, exceptionally uniform in growth, and free from sports. It is, without question, the best strain of Extra Early peas ever offered to the trade.

Price, per peck, per express, $1.40; per qt., per express, 25 cts.; per qt., postpaid, 40 cts.; per package, 10 cts.

Woldorf Lettuce.

The heads are of medium size, hard and open, white and crisp. Does equally well in the open ground or under glass. Heads yellow when cut open. Color light green. Quality fine.

Price, per lb., postpaid, $1.58; per 1=4 lb., 50 cts.; per oz., 20 cts.; per package, 10 cts.

Winter Beauty Cabbage Lettuce.

This new German variety of Lettuce is recommended not only for its large and firm heart, but above all, for its hardiness, which is more pronounced than that of all the other varieties in this group. This quality extends not only to its culture in the open, but also in frames by its resistance to rust.

But the most important, perhaps, of all its qualities is that, having scarcely any outside leaves, it can be planted very close.

Its color is green tinted rose, and it does not readily run to seed. These advantages have made this variety popular among market gardeners.

Price, per ounce, 35 cts.; per pkg., 15 cts.

Density Lettuce.

Heads almost as hard as a Wakefield Cabbage. It is a small but all head sort, that will bear planting half a foot apart. Makes fine blanched heads, brittle and delicious. Color, rather dark green, slightly tinged with brown on top of the head; leaves very much crumpled and slightly curled on edges. It is frequently served with root and leaves trimmed off, one plant making a fair amount of salad for one person.

Price, per lb., postpaid, $2.58; per 1=4 lb., 75 cts.; per oz., 30 cts.; per package, 10 cts.

WASHINGTON, OR BEAR'S FOOT CORN.

A late variety with ears that spread out at the tip, whence the name. Very sweet and very popular in Boston market.

Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

Gregory's Early Excelsior Pea.

This valuable new pea must not be confounded with Nott's Excelsior, which we introduced several years ago. It differs from it in several very important particulars which every market gardener will appreciate: 1st, it is decidedly earlier than its American cousin; 2d, the pods and peas are decidedly larger, and 3d, the vines, while of the same height, are stouter; while 4th, it is decidedly a better cropper. We especially recommend it as an excellent sort to plant between rows of strawberries.

Price, per peck, per express, $2.25; per qt., per express, 40 cts.; per qt., postpaid, 55 cts.; per package, 10 cts.

Novelties in Flower Seeds and Plants for 1905.

Calla Devoniensis.

Armeria Formosa Hybrids. (P.)

New hybrids of the Thrift or Sea-Pink. The flower-heads, borne on slender stems above the tufts of grass-like leaves, vary in different shades from flesh color, lilac, carmine, rosy carmine to crimson. Useful for bauks or borders or for the rock-garden. **Price, per pkg., 15 cts.**

Calla Devoniensis.

The most beautiful and best Calla up-to-date. It produces from three to four times as many flowers as the older sorts.

The seedlings come true and will bloom profusely the first year. Its willingness to bloom is pheuomenal, while its culture is of the simplest.

One year old plants often produce from six to eight flowers which are of great beauty. They are pure white, large, and are borne on stout stalks. They are also good keepers. If sown at intervals of four to six weeks this Calla can be had in bloom all the year. **Pkt., 25 seeds, 25 cts.**

Dahlia, Single Black Leaved.

"Lucifer." (P.)

The leaves are of a metallic black-brown, the flower stalks absolutely black and the flowers a glowing dark scarlet merging in the centre into a deep blood-red. The plants grow about two and one-half feet high, are highly effective even as a single specimen, but much more so when several are grouped together on the lawn. It also makes an excellent long-keeping cut flower. **Price, per pkg., 20 cts.**

Impatiens Holstii. (P.)

Forget-me-not, Late Flowering Victoria. (P.)

In the late springtime when other varieties of Forget-me-not are ceasing to bloom, this late flowering sort will commence to blossom and the plants will soon be so covered with the beautiful blue flowers that scarcely any leaves can be seen. **Price, per pkg., 15 cts.**

Helianthus, Cucumerifolius Lilliput.

The Miniature Sunflower has become a favorite in the garden because of its long, uninterrupted flowering. The plants of the Lilliput measure only six to eight iuches in height, are of compact habit and somewhat creeping growth, similar to Verbena. The flowers are bright yellow with dark ceutre and are borne on short stems just above he dark green foliage. Start in the house; transplaut when warm to open ground. Will commence to bloom the last of June and continue in flower until late in the season. **Price, per pkg., 15 cts.**

Dahlia, Single Black Leaved.

Hollyhocks, Annual Everblooming.

Single and Double Mixed.

A new variety, bloomiug the first year from the seed. If sowu in March the plants will commence blooming in July, attain a height of eight feet, brauch freely and flower in great profusion until frost. The flowers are single and double, rangiug through all shades of white, yellow, black, apricot, carmine, red and purple. **Price, per pkg., 15 cts.**

Impatiens Holstii. (P.)

New, very handsome Sultans Balsam, surpassing the popular Impatiens Sultaui in its quick, vigorous growth and larger, brighter colored flowers. The flowers measure about one and one-half inches across, of a brilliant vermilion in color, contrasting beautifully with the dark green foliage. In a half shady situation the plants grow luxuriantly out of doors, and form uuusually showy flower beds.

Especially fine for pot culture. **Price, per pkg., 20 cts.**

Linaria Cymbalaria Compacta

Linaria Cymbalaria Compacta

Dwarf compact variety of the pretty and useful trailiug plant, called "Mother of thousands" or "Kenilworth Ivy," formiug ueat little round cusbions of four and one-half to six inches in height aud breadth with glossy light green foliage, covered with small, pure white flowers. Recommended for edgings aud ribbon lines. **Price, per pkg., 15 cts.**

Nicotiana Sanderae. (A.)

This beautiful hybrid Nicotiana was raised in England and has been exhibited this season at the Temple show and elsewhere and in every case has been spoken of as the most strikingly beautiful plant of the year. The origiuators describe it as forming bushy, much branched plants two feet high, the whole plaut ladeu with flowers from base to summit, literally ablaze with most handsome carmine-red fragrant blossoms, thousands of which are produced on a single plant.

It is as easy to grow as a Petunia. If started indoors in early spriug aud planted out in May it gives a contiuuous display of blooms all summer and autumn. It can also he sown iu the open ground wheu the weather becomes warm. **Price, per pkg., 25 cts.**

Nicotiana Sanderae. (A.)

NOVELTIES IN FLOWER SEEDS AND PLANTS FOR 1905. — Continued.

Stokesia Cyanea.

Salpiglossis, Emperor, Yellow. (A.)

Beautifully veined, large flowers of pure golden yellow. The Emperor strain of Salpiglossis is of recent introduction and considered superior both in size and beauty of flowers to the Grandiflora type.

Price, per pkg., 15 cts.

The Genuine Irish Shamrock.

Trifolium Minus.

There's a dear little plant that grows in our isle,
'Twas St. Patrick himself sure that set it;
And the sun on his labor with pleasure did smile,
And the dews from his eyes oft did wet it.

Price, per package, 10 cts.

Sweet William, Holburn Glory. (P.)

A new magnificent Auricular Eyed strain with extra large flowers, the single blooms being larger than a twenty-five cent piece. This variety took the first prize at the Mass. Hort. Soc. the past season. Mixed colors.

Price, per package, 15 cts.

Stokesia Cyanea.

Cornflower Aster.

While not new this is a rare and beautiful hardy perennial. The plant grows about 2 ft. high, bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms. In bloom from July till frost. For plants see page 66.

Price, per pkg., 15 cts.; 2 pkgs., 25 cts.

Record Aster, Rose and Lilac.

The name of Record is given to this Aster because of the immense size of the flowers. The gigantic flowers, of the needle variety, measuring 6 in. across, borne on upright strong stems, are fine for exhibition, excellent for cutting and very effective in floral arrangements. **Price, per pkg., 15 cts.**

New Double Fringed Tuberous Begonia.

Very graceful and more elegant than other double Begonias. Ninety per cent of the seedlings are double, half of which have the beautiful characteristically fringed petals. The size of the flowers is 4 to 5 in. in diameter. The double flowers display a charming effect, the white ones resembling little snow-balls. For pot culture as well as beddings this Begonia is invaluable. White, pink and scarlet mixed. **Price, per pkg., 15 cts.**

Phlox Drummondii "Sirius." (A.)

Half dwarf annual Phlox of a rare and unique coloring. The flowers are of a brilliant salmon rose, changing into a lighter rose towards the centre, with a bluish eye, very hardy and standing hot, dry weather better than other varieties. **Price, per pkg., 15 cts.**

Kochia Scoparia, or Summer Cypress. (A.)

Burning Bush.

This highly ornamental plant grows quickly from seed sown in the open ground when the trees are coming out in leaf. *The plants are always of globe-like form*, branching freely, the stems being covered with delicate light green foliage. Early in the fall the ends of the shoots are thickly set with small bright scarlet flowers, *the bushy plants resembling balls of fire.* Very showy when planted singly to show the round ball-like form. **Price, per pkg., 10 cts.**

The Crimson Fountain Grass.

This beautiful ornamental grass grow about 4 ft. high, forming graceful symmetrical plants, with foliage of a rich, deep coppery-bronze, and bearing tawny-crimson plumes, 10 to 12 in. long. For interspersing among other ornamental grasses, for bordering a bed of Cannas or Caladiums, or as a specimen on the lawn or in the mixed hardy border, this is sure to become a favorite at once. Strong, thrifty roots ready in April. **Price, per root, 25 cts.**

Princeps Gladiolus.

This magnificent new variety grows from 3½ to 4 ft. high under ordinary garden cultivation; its broad, handsome foliage is a grand setting for the brilliant Amaryllis-like blooms which open more widely than any other variety. The color is rich crimson with intense shading in the throat, and broad white blotch across the lower petals. Each spike often produces from 16 to 18 flowers which measure from 5 to 6 in. in diameter. A most striking variety for cutting and exhibition. **Price, single bulbs, 30 cts., each.**

It has become of late the fashion among ladies to raise their own herbs for seasoning, such as Sweet Marjoram, Summer Savory and Thyme, each of which was a pet with our grandmothers in the days of our childhood, when they hardly felt ready for the services of the Sabbath without a sprig of these, with its sweet fragrance, as their companion. If you have a spare corner in the flower-garden what better use can be made of it than by planting it with these old friends? For prices see page 50.

QUANTITY OF SEED FOR AN ACRE.

Seedsmen vary much in their directions for the quantity of seed to be planted to the acre. In the following list we give the quantities of the more common sorts where first-class seed is used. Of course the poorer the seed the larger the quantity required: —

Dwarf Beans in drills	1 1-2	bushels
Peas	1 1-2	"
Beets, in drills	4	pounds
Cabbage, in hills	8	ounces
Cabbage, in beds to transplant	2	"
Carrots, in drills	1 1-2	pounds
Cucumber	2	"
Corn, in drills	9	quarts
Muskmelon, in hills	1 1-2	pounds
Mangold Wurtzel, in drills	6	"
Onions, for bulbs to sell green, or to trace, in drills	6 to 8	"
Onions, for dry bulbs, in drills	4	pounds
Onion Seed for Sets, in drills	30	"
Onion Sets, in drills	10	bushels
Potatoes, in drills, cut, depends on number of eyes	8 to 14	"
Radish, in drills	8	pounds
Spinach, in drills	10 to 15	"
Sage, in drills	4 to 6	"
Squash, running varieties, in hills	2 to 2 1-2	"
Tomato, in beds to transplant	2	ounces
Turnip, in drills	1 1-2	pounds
Rye	1 to 2	bushels

Amidst great diversity of opinion concerning the quantity of the usual mixture for seeding for hay, we would recommend 1-3 bushel (15 lbs.) of Timothy, 9 lbs. of clean Red Top, and 5 lbs. of Red Clover per acre.

A Garden for the Boys and Girls.

MY farmer friend, give your sons and daughters gardens for vegetables and flowers. It will create in them an interest in everything that grows and give them something healthy to think and talk about and so shut out low temptations as they grow older. I was brought up this way, beginning when five years old with a garden about the size of a pocket handkerchief (which I planted all to radishes), and I revere the memory of my dear old father for this wise shaping of my home education.

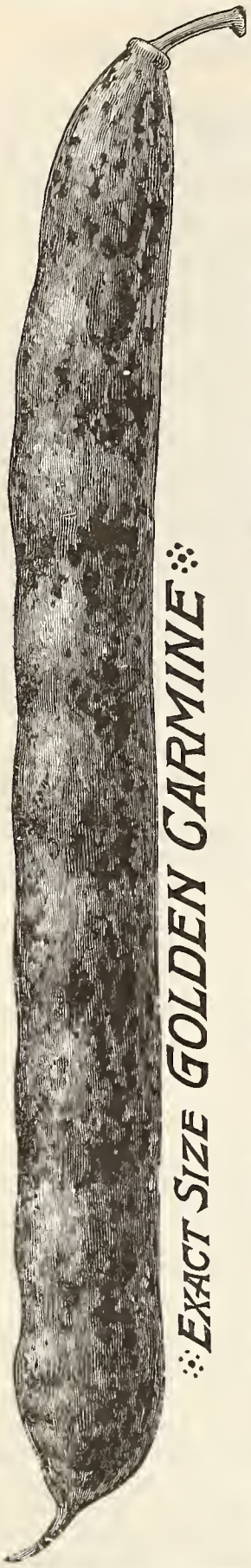
I am going to write down a few general directions for the information of our young farmers and florists. First I'll address the farmer boys, assuming that father has given into your care for the season a little garden plot with the understanding that he will supply you with the manure and tools needed, provided you will take care to put them back in place in clean condition after using, and that every Saturday night will see the garden nicely clean of weeds. The first thing needed will be food for the coming plants to feed on. Let this be good barn manure, as free from bedding as possible, or if you have dry hen manure use partly that. Use at rate of a bushel of this made fine to every piece of land measuring 6 feet long and 6 feet broad, which will be at rate of about 10 cords to the acre. Dig 7 inches deep and make soil very fine. Plant these varieties against which figure 1 is written as early as possible after freezing weather is over, and the remainder when settled warm weather has come.

Have your rows of 1 beets, carrots, 1 onions, turnips, 1 spinach, 1 parsnip, okra, 14 inches apart; those for 1 lettuce and 1 radish 10 inches apart, while those for 1 peas, 1 cabbage, 1 cauliflower, bush beans, corn, 1 potatoes, should be 3 feet apart, with the exception that the very dwarf peas (like Nott's Excelsior) can be safely planted 2½ feet apart, while the tallest varieties (like Champion of England and Marblehead Marrowfat) will require four feet. Pole beans will do well 3 feet between the rows and poles. Tomatoes generally do best 4 by 5 feet apart; the dwarf (like Dwarf Champion and Earliana) will do well about 4 feet apart each way. Cucumbers may be planted 4 feet apart, muskmelons 5 feet apart, while watermelons, squashes and pumpkins should be as far as 8 feet apart each way. Plant small seed just under the surface and large seed an inch deep. Press the ground with the hand after planting. Just as soon as you can see young weeds, hoe the surface over or scrape with a weeder, and keep clean through the season. If plants need watering apply it toward night, using water as near temperature of air as possible. Stir surface shallow during droughts to prevent drying. Enter in some little blank book (a couple of cents will buy one) all it costs to raise each crop and what you receive for all you sell, and so see how you come out. This will teach you good business habits which in after years may prove of great value. Anything interesting you may learn write down in the back part of your account book.

NOW FOR THE SEED FOR THE BOYS AND GIRLS.

WE will have as many varieties as possible put up in packets having lithograph labels, for we know what we liked when we were boys. There will be three collections: one containing 8 varieties for 25 cts., another 16 varieties for 50 cts., and the third 33 varieties for $1.00. Each will contain good garden varieties; the larger one, such vegetables as can be found in a well stocked garden, such as corn, peas, beans, cucumbers, squash, onions, carrots, turnips, beets, lettuce, cabbage, parsnips, peppers, radishes, etc., all choice varieties. These will differ somewhat from the collections given on page 51. As these collections are already put up there cannot be any change made in them.

Now a word about the flower garden for dear daughters. Yes, I call them dear, for I know they are as dear to father and mother as the girlies among my seventeen grandchildren are to me. Directions for preparing the ground would be a repetition of those given the boys, with the difference that the soil when dug should be made even finer, and instead of barn manure a good fertilizer might be used, such as dissolved bone or one made for corn growing, to be scattered at the rate of a pound to the same area to which brother applied his bushel of barn manure. Most varieties of flowers do best in rows 15 inches apart, thinned to 4 inches in the row. A few, like the Verbenas, require 2 feet, while Pansies and Calendulas thrive with rows 1 foot apart. Thin all varieties so they will not crowd. Give 3 feet between rows of Nasturtiums and Sweet Peas. Plant Sweet Peas earliest of all, as soon as Jack Frost has left, but flower seed in general should not be planted before the ground is warm. Plant small seed barely under the surface and pat smooth. The fine seed, such as Portulaca, are more likely to vegetate when scattered over finely prepared soil, with a little soil sifted on them and then covered with a double thickness of newspaper which is to be kept moist until the seed vegetates and be finally removed at close of day. Do all transplanting at close of day, first filling the holes with water and waiting till it soaks away. These directions carefully followed and all robber weeds promptly arrested will give our dear daughters nice flower gardens. Of flower seed we will send three collections: one containing 5 packets of nice annuals for 12 cts.; another 10 packets for 25 cts., and the third 15 packets for 35 cts. The varieties in each of these collections will differ in some kinds from those in the collections given on page 63 of this catalogue. As these collections are already put up there can be no change made in them.



Vegetable Novelties and Specialties of Previous Years.

☞For Prices in full per Bushel and Pound and fractions thereof see pages 38-51 inclusive.☜

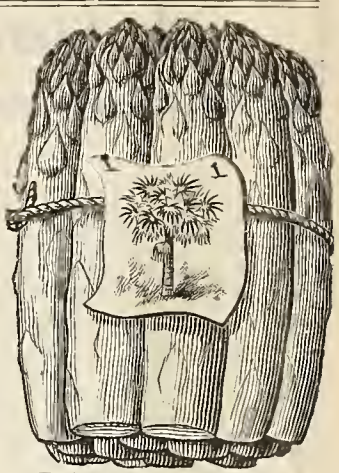
ASPARAGUS.

For Asparagus Roots see page 51.

PALMETTO ASPARAGUS.

This variety has the reputation of being less subject to blight than other varieties.

"Until we found this new Palmetto asparagus," writes a prominent seedsman, "'Conover's Colossal' had always been the leading sort, and justly so, but when we state that the Palmetto is not only much *earlier*, but is also a *better yielder*, and it is more *even* and *regular* in its growth, than Conover's, it will be seen, we think, that it must eventually supplant the old favorite." Price, per pound, postpaid, 58 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.



Palmetto Asparagus.

EARLY GIANT ARGENTEUIL.

This very handsome variety, obtained by selection from seedlings of the Giant Dutch Purple Asparagus, forms the greater part of those fine bundles which are so much admired in the Paris markets in the spring. The shoots are notably thicker than those of the parent plant, the head is slightly pointed, and the scales with which it is covered are very closely set, overlapping each other. It has become very popular among market gardeners who have made trial of it on a large scale. Price, per pound, postpaid, $1.00; per ¼ pound, 30 cts.; per ounce, 12 cts per package 5 cts.

COLUMBIAN MAMMOTH WHITE.

A variety of asparagus which is sure to be in great demand in many localities, because it furnishes *white shoots* which *stay white as long as fit for use without earthing up or any other artificial blanching.* It can be depended on to give eighty to ninety per cent. *white plants* from seed. The green shoots can be discarded when setting the permanent bed. Fine for the market gardener or for canning. Price, per pound, postpaid, 68 cts.; per ¼ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

DWARF, SNAP OR BUSH BEANS.

For full prices per bushel and peck see pages 38 and 39.

(See Snowflake on Page 32)

WARREN BUSH BEANS.

After having carefully tested the Warren side by side with scores of varieties, we unhesitatingly pronounce it to be *the best of all bush beans* we are acquainted with, for table use. The Warren crops medium well, and has a large, green, pulpy, stringless pod. When cooked it has the rich quality that heretofore has been believed to be confined to the best of the pole beans. Price, per quart, per express, 25 cts.; postpaid, 40 cts.; per package, 10 cts.

BOUNTIFUL GREEN BUSH.

Let us see what our note-book says as to how it deported itself among the fifty-two varieties we carefully tested last season. It reads as follows: "Very early, entirely free from strings, a fine cropper, pod flatter than Stringless Green Pod, a desirable variety." Our field notes are always very brief: we could throw in a good many strong adjectives that would but honestly present the good qualities of this fine new variety.

A. G. Tillinghast, La Conner, Wash., writes: "Last year we found the Bountiful Beans to be the earliest, most prolific and the most tender to cook of any kind in our trial grounds."

Price, per quart, per express, 25 cts.; postpaid, 40 cts.; per package, 10 cts.

BURPEE'S STRINGLESS GREEN PODDED.

We now have the pleasure of cataloguing a green podded dwarf bean, which is absolutely stringless even when the pods are old enough to contain large beans. It has also the recommendation of being *one of the very earliest of beans.* Pods plump and straight. S. D. Reid, Pidcock, Ga., writes: "The Stringless Green Podded Beans surpass any bean that I ever grew in size and quality." A first-class cropper. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

LOW'S CHAMPION BUSH.

This new Green Podded bush bean is well adapted to the table, garden and market. Being entirely stringless, it is extremely tender, and of exquisite flavor as a string-bean. The pods are large and long in shape, containing from five to eight beans each. Says the originator, "On less than one-eighth of an acre it yielded seven and one-half bushels of clean, hand-picked seed-beans." We have a good supply of them this year. Price, per quart, per express, 25 cts.; postpaid, 40 cts.; per package, 10 cts.

GIANT STRINGLESS GREEN-POD VALENTINE.

This new variety should not be compared with *Burpee's Stringless Green-Pod*, from which it is entirely distinct, resembling more closely the *Valentine*, the pods averaging one-third larger than those of the later variety. As early as six weeks, a little smaller than Stringless Green Pod, which it otherwise resembles, with the advantage of being a better cropper. The plants are of strong growth, very productive, pods five inches long, light green, slightly curved, very meaty, being broadly rounded, saddle-backed and absolutely stringless. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

GOLDEN CARMINE PODDED HORTICULTURAL POLE.

This new bean will win great popularity among market gardeners from its singular attractiveness. Just consider, *the brightest crimson stripes on a golden yellow ground.* Then consider also that it is a robust grower and very productive, and once more that the pods are extra large, and in what pole bean can we find such a desirable combination for market purposes? Those who have tried it are exceedingly pleased with both its quality and brilliant appearance. My townsman, Mr. Hayden, finds it decidedly earlier than other large varieties of the horticultural and a much better cropper; he is enthusiastic in his praise of it. Per quart, postpaid, 50 cts.; per package, 10 cts.

Harlan E. Campbell, Derry, N. H., writes: "Your Marblehead Early Horticultural Beans and Quincy Market Corn are both very first-class strains."

BEANS — Continued.

Oran W. Burke, East Kingston, N. H., writes: "My Mammoth Carmine Podded Pole Hort. Beans with their bright pods were a very pretty sight. They are fine."

DAVIS KIDNEY WAX DWARF BEANS.

The Davis Kidney Wax is a new and distinct kidney variety. The engraving, as shown, is a genuine production from life. The plant is vigorous, of compact, upright growth. The pods are extra long, straight oval, clear, waxy white color and handsome, often growing to a length of seven to eight inches, and when young are quite stringless and of fine flavor. A little stringy as they grow old, but fine eating at every stage of growth.

One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. This new Bean will be likely to become a popular, standard wax sort. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

KEENEY'S PENCIL POD WAX.

Keeney's Pencil Pod Black Wax grows a taller, stronger, and more vigorous bush than the Improved Prolific Black Wax, which is one of its parents. Very early and productive, and destined to become very popular. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

FULLER BLACK WAX.

The Fuller Black Wax differs from the ordinary Black Wax in the following points. The pod is a little larger, a little longer, a little darker yellow, a little thicker, solid and meaty and at the same time absolutely stringless. Very prolific — vines medium in size. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

KEENEY'S RUSTLESS GOLDEN WAX.

Keeney's Rustless Golden Wax.

All Wax beans are more or less subject to rust, which spoils them for market use. Mr. Keeney, the great bean grower, believes he has at last secured a bush variety, a sport from the Golden Wax, that excels all others in its comparative freedom from rust. The pods are entirely stringless. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

EARLY CARMINE PODDED DWARF HORTICULTURAL.

There is no bean raised that is earlier than this. While just as early as our Marblehead Dwarf Horticultural, it surpasses it in the richer red color of its pods, most of which are bright red, making it desirable as a market bean. While the common Bush Horticultural is a late bush bean, the Marblehead and the Carmine stand in the front rank of the earliest sorts. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

"I was more than satisfied with the seed, especially with the White Cory Corn and Keeney's Rustless Golden Wax Beans."

MISS LIZZIE CLARK, Osage, Ia.

BURPEE'S BUSH LIMA BEANS.

This is a true bush form of the luscious large Lima bean, coming absolutely true from seed. The bushes grow eighteen to twenty inches high, are stout and always erect, yet *branch so vigorously* that each plant develops into a magnificent circular bush, *from two to three feet in diameter*, filled with large pods. Later than Dreer's. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

MARBLEHEAD EARLY HORTICULTURAL.

What would our customers say to a variety of Dwarf Horticultural that, with all the fine traits of that excellent variety, large beans, and large, mostly carmine-striped pods, excellent either for shelling or stringing, there could be added the capital trait of being in the very front rank for earliness? The Marblehead Early Horticultural is one of the earliest beans grown. Price, per quart, per express, 25 cts.; postpaid, 40 cts.; per package, 10 cts.

IMPROVED GODDARD DWARF HORTICULTURAL.

Pods of this dwarf variety are large, long, flat, usually curved with long, curved points; green when young, but as the beans become fit for use are splashed and striped with crimson. Beans very large, splashed with red and of fine quality. Dry beans marked like Dwarf Horticultural and of the same color, but longer and much larger, making them more desirable for market use. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

KENTUCKY WONDER WAX POLE.

(Novelty of 1903.)

The enormous productiveness of the old Kentucky Wonder pole bean is well known. We now introduce a variety having all its superb qualities, except that it is of a beautiful transparent yellow color.

It is a rampant grower, one plant filling a pole with a mass of vines densely loaded with luscious beans, almost a solid mass of pods from bottom to top.

The pods are so fleshy that they are frequently greater in width than breadth. They are solidly meaty, entirely stringless and when cooked deliciously rich and buttery.

Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package 10 cts.

MAMMOTH CARMINE PODDED HORTICULTURAL POLE.

One of our clerks, who visited a large plantation of this new bean in 1893, told us that it was the handsomest sight in beans he ever saw. Thousands of poles were literally covered from top to bottom with its extra large, carmine-colored pods; "painting the landscape red" with their brilliant coloring. Not only are the pods so much richer in color, but *both pods and beans are much larger* than those of the common kind. Its cropping qualities vary with different soils. Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

KING OF THE GARDEN LIMA POLE.

The King of the Garden is a vigorous grower, requiring but two vines to each pole. When not too closely planted they set their beans early at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season.

Price, per quart, per express, 30 cts.; postpaid, 45 cts.; per package, 10 cts.

GOLDEN CLUSTER POLE.

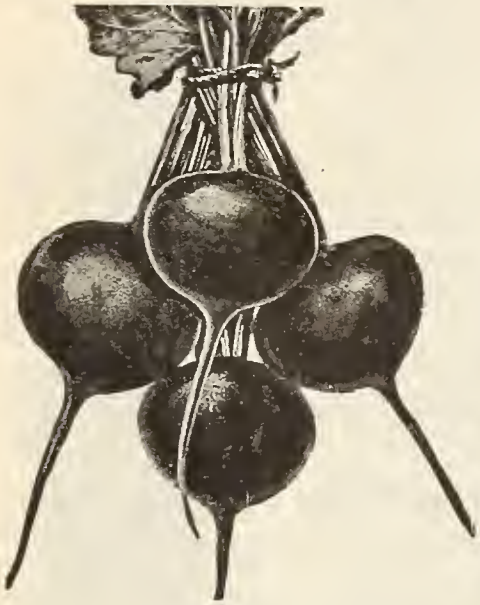
The pods enormously large and long, exceeding in size any pole bean cultivated; they are of a fine waxy white, and snap capitally. Price, per quart, per express, 35 cts.; postpaid, 50 cts.; per package, 10 cts.

Cheap seed are desirable, but good seed give better crops.

John Black, Cheshire, Vt., writes: "Your Crosby's Egyptian Beets were the earliest in our neighborhood and as fine as they were early."

BEETS.

Clover Crest Garden, Hugo, Minn., writes: "The earliest table beets were the Dirigo and Faust's Crimson. Both are of fine quality and very sweet."



DETROIT DARK RED BEET.

We find this to be as early as Crosby's Egyptian, with flesh as dark as the Edmands, with a more intense red. Tops small, upright-growing, so that the rows may be nearer together; roots globular or ovoid; color of skin dark blood red; very crisp, tender and sweet, and remaining so for a long time. An early beet of the finest quality for either home or market use. Price, per pound, postpaid, 58 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

FAUST'S EARLY CRIMSON.

We are pleased with the rich crimson color of this beet and were surprised to find that it was one season THE EARLIEST IN OUR EXPERIMENTAL PLOT, WHICH INCLUDED SUCH VARIETIES AS EGYPTIAN AND ECLIPSE. We think this is the sweetest of all beets, and a first-class for every one, and of especial value to market gardeners. It is sometimes catalogued as the Mitchell's beet. Price, per pound, postpaid, 48 cts.; per ¼ pound, 15 cents; per ounce, 10 cts.; per package, 5 cts.

CROSBY'S EGYPTIAN.

A dark-fleshed, small-necked, early variety of beet.

As early as the original Egyptian, by careful selection it has been made thicker and is less inclined to push up a woody neck as it advances in growth.

George B. Courtis, one of our best resident market gardeners, expresses but the general sentiment when he says: "After trials of many varieties, I pronounce the Crosby's Egyptian the best for the early market." Price, per pound, postpaid, 58 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

GIANT YELLOW INTERMEDIATE MANGOLD.

This variety grows more than half above the ground, and is of a russet-yellow color. It has a thick neck, large leaves with green stems, and a very smooth and fine skin. Flesh white, firm and sweet, much liked by cattle. An excellent root, producing enormous crops, and an excellent keeper. We find in them a little irregularity in shape. Price, per pound, postpaid, 33 cts.; per ¼ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

ECLIPSE BEET.

This valuable beet, of which we were the original introducers, has become a standard variety. George B. Courtis, of Marblehead, a prominent market gardener, writes us: "In an experience of fifteen years, I find the Eclipse surpasses all in color, smallness of top and smoothness; and, moreover, it is a splendid cropper." We might fill pages with recommendations; but the one above will answer, as it sets forth its strong points. Price, per pound, postpaid, 48 cts.; per ¼ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

CRIMSON GLOBE.

For an early crop, especially on light soils, the value of this handsome beet will be recognized by every grower. It is a desirable crop in every garden, both for its admirable shape and its high qualities as a vegetable. Its form, which is as round as a Snowball Turnip, and the richer color of the flesh, distinguish this variety from the Egyptian Turnip-rooted Beet. Price per pound, postpaid, 48 cts.; per ¼ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

EDMANDS' BLOOD TURNIP.

This is a standard strain of late turnip beet, with flesh of an *extra dark color*, which makes it very popular with market gardeners. Our customers will find it an excellent variety for general crop where a dark-colored beet is wanted. Price, per pound, postpaid, 58 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

DIRIGO.

A critical comparison between the Dirigo and Crosby's Egyptian raised side by side is what our customers want, as these two beets are competitors for the early market. The difference between them as they grew on our experimental grounds was: 1st, that the Dirigo was the finest made-up beet of the two; 2d, that it had a smaller top; and 3d, that it was rather earlier than the Crosby. It was the most attractive beet among eleven varieties. Price, per pound, postpaid, 58 cts.; per ¼ pound, 18 cts.; per ounce, 10 cents; per package, 5 cts.

MAMMOTH ROCK RED CABBAGE.

This is a variety of Red Drumhead which, while in every other respect equal to our standard sort, makes larger heads. The head is large, round, very solid, and of deep red color. Ninety-eight per cent of the plants will form extra fine heads. Per pound, postpaid, $2.00; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

THE HOLLANDER CABBAGE.

The Hollander is one of the best of those hard heading foreign varieties, which have been imported into our markets after spring is well advanced. We find that in this country as fine heads can be raised as are imported. The heads are thick, round, of medium size and about as hard as a rock. Plant at least a fortnight earlier than the common Drumhead, and manure very liberally. Per pound postpaid, $2.58; per ¼ pound, 75 cts.; per ounce, 25 cts. per package 5 cts.

I never had such nice Cabbage as the **Houser.** The heads are very large and as hard as a rock. They do not crack open as most large-headed Cabbages do, writes PHILIP BURNOX, Herkimer, N. Y.

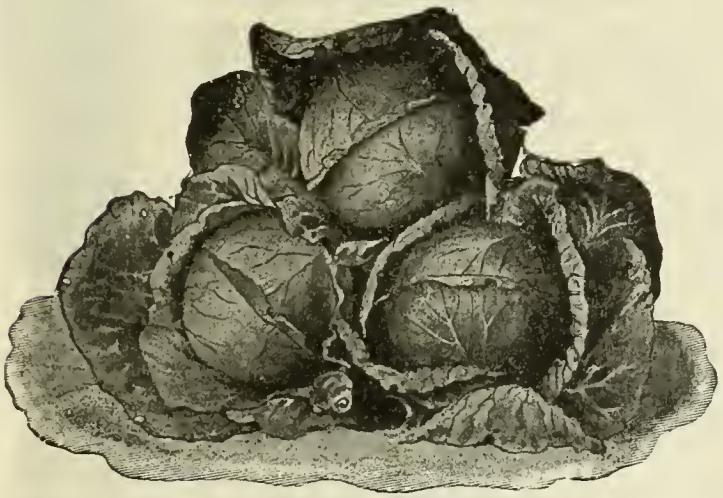
CABBAGES.

(SEE PAGE 12.)

Mrs. H. C. Ostrander, East Aurora, N. Y., writes: "We find your Earliest Cabbage to be the finest hard heading, first early cabbage that we have yet seen."

CABBAGE, "GLORY OF ENKHUISEN."

(Novelty of 1903.)



Of all the early white Cabbage there is none equal to this novelty. It has a great advantage in comparison with other early sorts in that it grows large heads, which are very hard, of a nice yellow green color, and of fine foliage. This will no doubt have a good reception amongst market gardeners, as well as those who grow vegetables for their own use. Price, per pound, postpaid, $3.33; per ¼ pound, $1.00; per ounce, 30 cts.; per package, 10 cts.

ALL-SEASONS. (Headquarters' Stock.)

Sometimes called "Vandergaw.

This fine variety, which we were the first to catalogue, has, through clear, sheer merit, introduced itself into every leading catalogue in the United States. It is called "All-Seasons" because it is just as good for late market or to keep over winter as it is for the early market. Our stock is from specially selected heads.

Price, per pound, postpaid, $2.33; per 1-4 pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

EARLY DEEP HEAD.

Every one of our customers who has raised them must have found our Early Deep Head a magnificent cabbage. The Deep Head makes a larger and deeper head than the original Fottler; hence is better to keep over winter, "peeling" well in the spring. Price, per pound, postpaid, $1.83; per 1-4 pound, 55 cts.; per ounce, 20 cts.; per package, 5 cts.

EARLY JERSEY WAKEFIELD.

The standard early cabbage in the markets of New York and Boston. We have tested many varieties side by side with our own, but have never found one superior to our present strain. Price, per pound, postpaid, $2.33; per 1-4 pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

THE HOUSER CABBAGE.

The striking engraving, made from a photograph, gives a good idea of the remarkably round and hard heading new cabbage. It bears the name of its originator. It is the result of 20 years' careful selection. The heads are large, weighing, on an average, 10 to 12 pounds. For late marketing it should be planted two weeks earlier than any other sort.

The Claims for This Distinct New Cabbage Are:

First, Lateness. It is the latest of all large Cabbages, being at least two weeks later than any other strain of the Late Flat Dutch type.

Second, Solidity. The **Houser Cabbage** cannot be excelled in this respect by even the Danish Ball-Head. Very compact, each leaf well overlapping the head.

Third, Size. It is fully as large as any of the common varieties, the heads averaging from 10 to 12 pounds. Many specimens have been grown to weigh 18 to 20 pounds.

Fourth, Shape. The heads are round and deep through, and should any of the heads crack, *it is at the stem end*, which does not destroy its use for market. The heart extends only 2 to 2 1-2 inches into head. See illustration.

Fifth, Quality. The main feature of a good Cabbage is tenderness. In this respect **Houser surpasses most others.** It is free from that coarse rib always found in late cabbages.

Mrs. J. Pollensworth, Carson, Nevada. writes: "I have grown cabbage for a great many years, but never had any equal to your Houser."

Price, per pound, postpaid, $2.58; per 1-4 pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

TWISS EARLY DRUMHEAD.

This variety *has these two advantages over the Warren*, viz: it heads a week or ten days earlier, and besides makes a rounder, more globe-shaped head. A splendid market sort. Price, per pound, post paid, $2.58; per 1-4 pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

DANISH WINTER BALL HEAD.

The Danish and Hollander cabbage, under various names, have become exceedingly popular in our late winter and spring markets for the good reason that the imported varieties have been bringing from 50 cts. to a dollar more per barrel than the best of our native sorts. This is because of the remarkable hardness of the heads. All are very reliable for heading if planted early on strong, well-manured land. In the latitude of central Massachusetts, they should be planted the first week in June. Price, per pound, postpaid, $2.58; per 1-4 pound, 75 cts; per ounce, 25 cts.; per package, 5 cts.

Fred Junge, Seola, So. Dak., writes: "Being now past 72 years old I hereby express my perfect satisfaction with all my dealings with you for many years."

CABBAGES — Continued.

George D. Brigham, Boylston Center, Mass., writes: "This is the thirty-third year I have planted your seeds and have always found them satisfactory."

THE SOLID EMPEROR CABBAGE.

Our farmers find that we can raise at home as good specimens of the Danish and Hollander cabbage as the imported, provided that the seed planted is not more than one remove from the foreign-grown. All the various strains of these foreign late cabbages are characterized by stumps longer than those of our native sorts. All are very reliable for heading if planted on strong, well-manured land. In the latitude of Central Massachusetts, they should be planted the first week in June. We find no one variety equal to the Solid Emperor. Our seed is from the very best Danish stock and raised from selected heads. Price, per pound, postpaid, $2.83; per ¼ pound, 80 cts.; per ounce, 30 cts.; per package, 5 cts.

THE WARREN.

(*Sometimes called "Warren Stone Mason."*)

This first-class cabbage makes a deep, round, medium sized and very hard head, the outer leaves wrapping it over very handsomely. In reliability for heading no cabbage surpasses it. It comes in as early as some strains of Fottler and a little earlier than others. The heads being very thick through and nearly round make it an excellent sort to carry through the winter. Price, per pound, postpaid, $2.58; per ¼ pound, 75 cts.; per ounce, 25 cts.; per package, 5 cts.

GREGORY'S HARD HEADING CABBAGE.

(or Luxembourg.)

It differs from all other sorts in coming out as green in the spring as when it was buried, making it very attractive.

A. W. Dodge, Commission Merchant, Boston, Mass., writes: "You may say to any one who may think of growing the Hard-Heading that they are the finest cabbage ever put in Boston Market at this time, May 11, 1891."

Writes Mr. R. M. Edgecomb, from Mapleton, Mich.: "I have just (April 15) taken out a load of your Hard-Heading almost as green as when buried."

For spring and late spring sales, when cabbages usually bring their highest price, *this is the cabbage*. To get the very hard heavy heads plant ten days earlier, and manure more liberally than for the common Drumheads. Price, per pound, postpaid, $2.08; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

MARBLEHEAD MAMMOTH.

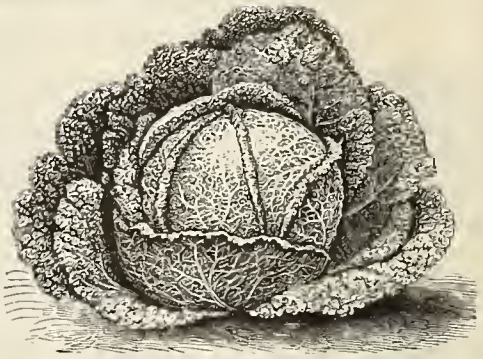
This is the *largest variety of the cabbage family in the world*. Our patrons generally succeed in growing the Mammoth from our seed to the weight of thirty and forty pounds and in some instances over *ninety pounds! It is the best of all varieties to raise for cow cabbage and winter feed for poultry*. The selected heads from which we raised this seed averaged forty pounds each. Price, per pound, postpaid, $2.48; per ¼ pound, 70 cts.; per ounce, 25 cts.; per package, 5 cts.

HENDERSON'S SUCCESSION.

This is a valuable variety. It has been thoroughly well bred, and has uniformly short stumps, about all of them supporting well-shaped, firm, solid heads, as like each other as twins. Mature about ten days later than Early Summer. Price, per pound, postpaid, $2.08; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

IMPROVED AMERICAN SAVOY.

The Improved American Savoy is one of our old standbys. It grows to a good size, is as reliable for heading as the Warren or Premium Flat Dutch. We heartily recommend it to all those market gardeners who grow Savoys by the acre for the general market. Price, per pound, postpaid, $2.33; per ¼ pound, 65 cts.; per ounce, 20 cts.; per pkg., 5 cts.



Gregory's Early Snowball Cauliflower.

CAULIFLOWER.

THORNBURN'S GILT EDGE.

One of the finest strains of the Snowball variety. It is later and larger than common Snowball, and can be left longer in the field without decaying. Price, per ounce, $2.20; per package, 25 cts.

LONG ISLAND BEAUTY.

In the late trial every specimen of the Long Island Beauty made fine heads, and the heads averaged larger than any other sort. It is among the earliest. We would advise all our market-garden customers, who are raisers of cauliflower, to give this a trial, not forgetting that cauliflowers will sometimes vary for reasons thus far untraceable. Price, per ounce, $2.00; per package, 20 cts.

GREGORY'S EARLY SNOWBALL.

This ranks extremely high among the early varieties; for earliness, reliability for heading, size of head, and rich, white, curdy appearance, it is deservedly very popular. Price, per ounce, $2.40; per package, 25 cts.

For description of Mattituck Cauliflower see page 29.

CHANTENAY—THIS IS THE FINEST TYPE.

CARROTS.

DANVERS—OURS IS THE MARKET GARDENER'S STRAIN.

Danvers.

DANVERS CARROT.

In the town of Danvers, Mass., the raising of carrots on an extensive scale has for years been quite a business, the farmers finding a large market in the neighboring cities of Salem, Lynn and Boston. After years of experimenting they settled upon a variety which originated among them (as did the Danvers onion), known in their locality as the "Danvers Carrot." It is in form about midway between the Long Orange and Short Horn class, growing on light soils *generally* with a stump root. Under high cultivation (see our treatise on Carrots and Mangolds) forty tons are raised to the acre, and, at times, even larger crops. This carrot is of a rich, dark orange in color, very smooth and handsome, and from its length is easier to dig than the Long Orange. It is a first-class carrot for any soil. *The seed we offer is from most carefully selected stock.* Price, per pound, postpaid, $1.18; per ¼ pound, 35 cts.; per ounce, 12 cts.; per package, 5 cts.

P. L. Pasco, Ripon, Wis., writes: "I have grown Danvers carrots from your seeds at the rate of sixteen hundred bushels to the acre."

Chantenay.

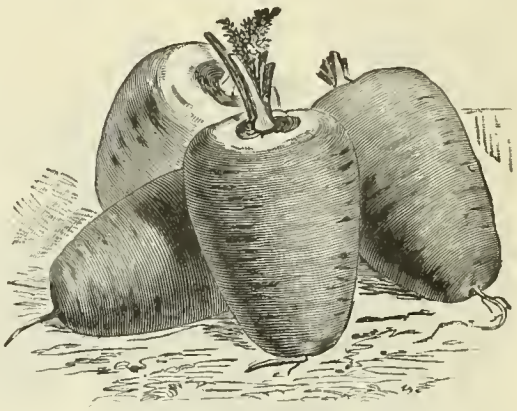
CHANTENAY.

Of a rich, dark orange color. In earliness it ranks intermediate between the Danvers and the Short Horn. Of the style of the Danvers, hardly as large, but finer and more symmetrical. Our customers will find the Chantenay a decided acquisition for those markets which call for carrots of a finer type than the Danvers. Don't plant it for stock feeding, as it will not yield equal to the Danvers. Price, per pound, postpaid, 88 cents; per ¼ pound, 30 cts; per ounce, 10 cts.; per package, 5 cts.

LONG RED CORELESS.

This variety is almost cylindrical in shape, blunt at the lower extremity, and has extremely red, very sweet and fine-flavored flesh. It is especially an early, small-leaved, kitchen-garden variety. More profitable for market than as a carrot for stock. Price, per pound, postpaid, 80 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cents.

GUERANDE HALF LONG, STUMP ROOTED OR OX-HEART CARROT.



Intermediate as to the length between the Scarlet Horn and the Short Horn. It is much thicker at the neck than either, and, as will be seen by the engraving, carries its thickness well down towards the bottom. Crops as heavy as the Danvers, with this advantage, that it can be grown thicker and can be raised on stonier land, while every carrot can be easily pulled by hand; ploughing or digging being rarely necessary. Price, per pound, postpaid, 88 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

IMPROVED LONG ORANGE.

We have had this strain of the Orange grown for us for many years by the same party, and think that we are justified in saying that there is no better. It grows long, but not too long for a long Orange. Price, per pound, postpaid, 73 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

IMPROVED SHORT WHITE.

This new and distinct variety, Mr. Ferry thinks, is destined to take first rank as a field carrot, owing to its enormous productiveness and the ease with which it can be harvested. Roots half long, very heavy at the shoulder, smooth; color light green above ground, white below; flesh rich, white, solid, crisp and of excellent flavor. As a heavy cropping, easily harvested, white carrot, it is probably the best of its class. A real acquisition. Price, per pound, postpaid, 53 cts.; per ¼ pound, 18 cts.; per ounce, 10 cts; per package, 5 cts.

For novelties in vegetables, see pages 2 to 6.

The best market gardeners plant Paris Golden Yellow Celery.

Joseph S. Wormstead, Marblehead, Mass., writes: "I tried a root of the new Rose Ribbed Celery, not blanched, and found it to be as crisp and tender as any blanched celery I ever tasted."

CELERY.

Rev. B. T. Russell, Welcome, Minn., writes: "Your Rose Ribbed Celery is very fine. It keeps well into February, and its flavor is delicious."

EVANS' TRIUMPH CELERY.

The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact habit of growth, and is a fine keeper. While it is crisp, brittle and tender, it has a stronger celery taste than any other variety We recommend it as a first-class late keeping sort. Price, per pound, postpaid, $2.00; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

Charles Hill, Arlington, Mass., writes: "The Evans' Triumph Celery you sent me is very nice. I shall plant more of it next spring."

NEW ROSE-RIBBED OR GOLDEN ROSE.

A fine sport from the Golden Self-blanching. It adds to all the unsurpassed characteristics of that popular sort, a delicate rose tinting of the ribs as the season advances. This makes a rich contrast in color which makes it very beautiful on the dinner table. Price, per pound, postpaid, $1.58; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

NEW WINTER QUEEN CELERY.

"This," says the introducer, "is without doubt the most valuable variety of celery for winter and spring use ever introduced, even excelling the celebrated Perfection Heartwell as a late winter keeper. It is also much stouter, thicker and heavier, with double the amount of heart of any known celery. The plant blanches to a beautiful cream white, with ribs perfectly solid, crisp and of a delicious nutty flavor. Price, per pound, postpaid, $2.08; per ¼ pound, postpaid, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

BOSTON MARKET.

(*Novelty of 1903. Original Strain.*)

This variety, which was the standard of excellence in the markets of Boston, Mass., for so many years, is yet unequalled in quality when at its best. Our seed of this was grown from the finest strain of plants by one of the best gardeners of Arlington, Mass. Price, per ¼ pound, $1.40; per ounce, 45 cts.; per package, 10 cts.

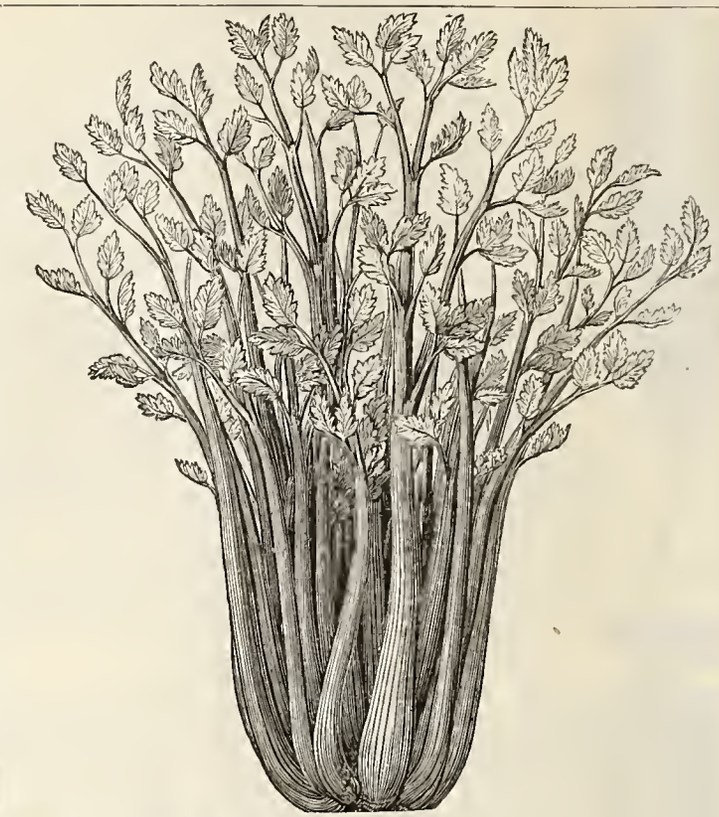
George P. Winn, Arlington, Mass., writes: "The Evans Triumph celery grew finely and branched nicely. After blanching it came out clear, white and solid."

CELERY.—Continued.

Andrew J. Staples, North Penobscot, Me., writes: "I always recommend your seed, having used them thirty years."

GIANT PASCAL CELERY.

This self-blanching variety of celery comes to us from France. It is a tall sort, growing large, thick and solid stalks. Dark green in color, it has a golden heart, and a rich, nutty flavor. Unlike some of the self-blanching varieties, *this is a fine keeper*, being found in the markets of Paris from the end of December to the beginning of March. Well worthy the attention of every enterprising market gardener. Price, per pound, postpaid, $1.98; per ¼ lb., 60 cts.; per ounce, 20 cts.; per package, 5 cts.



PARIS GOLDEN-YELLOW, LARGE, SOLID.

This surpasses in about all the characteristics sought after in an early celery—vigor of growth, large size, readiness in blanching, *it being to a large degree self-blanching*, and in possessing the rich, nutty flavor of the best varieties. After having tested the stock with which we are to supply our customers the coming season we can truly say that it is first-class in every respect. Its true sphere is that of a fall and early winter celery. This has become the acknowledged early variety grown for the very discriminating people of Boston by the market gardeners who supply them. Price, per pound, postpaid, $4.58; per ¼ pound, $1.40; per ounce, 45 cts.; per package, 10 cts.

SOME CHOICE VARIETIES OF CORN.

For full prices, see page 42.

MAMMOTH WHITE CORY CORN.

This has all the earliness of the original Cory, with the great advantage of being decidedly larger in both ear and kernel; it is king of the market, for no other variety can compete with it as an extra early, and thus the market gardener who raises it monopolizes the cream of the early trade. Price, per quart, postpaid, 37 cts.; per package, 10 cts.

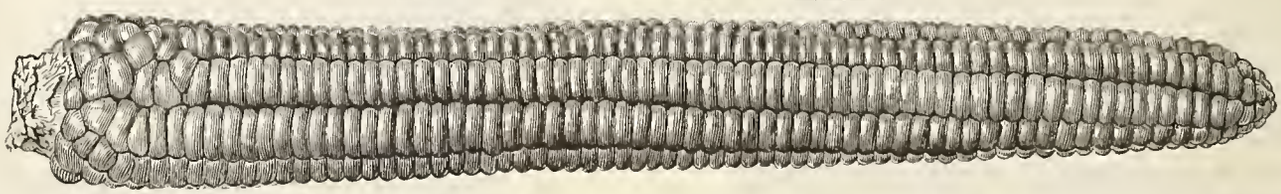
POTTER'S EXCELSIOR.

We don't think there is a sweeter, richer-flavored corn for the table than this midsummer variety. In its season this is the favorite corn in the restaurants of the large cities. Price, per quart, postpaid, 37 cts.; per package, 10 cts.

COUNTRY GENTLEMAN SUGAR CORN.

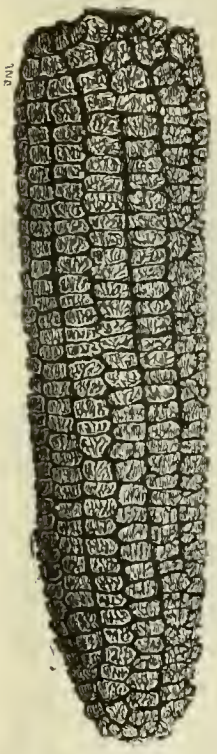
Who that has raised that sweetest of all varieties of sugar corn (which we were the first to catalogue over a dozen years ago under the name of "Quaker Sweet," but has since been renamed "Ne Plus Ultra") has not regretted that the ear was so small as to make it difficult to market it? In this new variety, "The Country Gentleman," we have ears of good market size which retain all the delicious quality of the "Ne Plus Ultra." Cobs small and kernels long. *Our customers will find this to be a decided acquisition either for home use or for marketing.* Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

LONGFELLOW'S FIELD.



This fine field corn is the result of careful selection in the Longfellow family (relatives of the distinguished poet) for over fifty years. The ears are remarkably long, some of them fifteen inches, and oftentimes two good specimens grow on one stalk. The cob is quite small and the kernels large. It is the largest variety of yellow field corn that we have ever found it safe to plant in the latitude of Massachusetts, where it is quite extensively grown. Jonathan Skilton, Northboro, Mass., reports one hundred and fifteen bushels shelled corn from an acre. This is the variety that took the first premium among the flint corns at the great exhibition at Chicago a few years ago. Price, per bushel, per express, $2.25; per peck, 65 cts.; per quart, postpaid, 40 cts.; per package, 10 cts.

CORN.—Continued.



Early Essex.

EARLY ESSEX SWEET CORN.

(Novelty of 1903.)

This is quite a popular variety with many of the market gardeners of eastern Massachusetts. It is about as early as the Quincy Market but makes a decidedly larger ear and they are twelve rowed. The kernels are remarkably long, like those of Stowell's Evergreen. As the stalks of this variety are large, it will pay those needing fodder for their cows in August, to plant it for a supply, first selling the green corn, then cutting up the stalks for fodder. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

WHITE CORY.

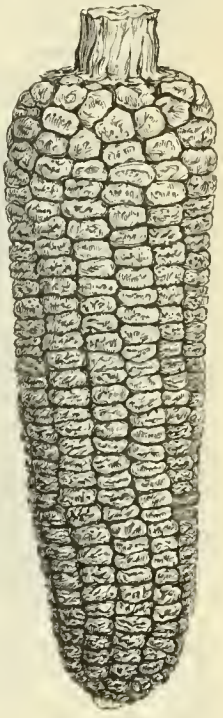
Some have objected to the Cory because the kernels of some of the ears have a reddish cast. Here is a new strain which is not open to this objection, for by planting only white-cobbed ears of the Cory, after several years of care, a distinct variety has been produced, nearly entirely free from the objectionable red cob and kernels. It is equally as early as the original Cory and averages sweeter. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

NELSON'S YELLOW FIELD.

A superior variety of yellow field corn, originated by Mr. Nelson by crossing the famous Old King Philip on the Early Canada, followed by eight years of careful selecting of stock seed It is earlier than Longfellow, large kernelled, and very prolific. It is exceedingly popular with farmers who have raised it, and millers say it makes the best meal of any corn they grind. Price, per quart, per express, 25 cts.; per quart, postpaid, 40 cts.; per package, 10 cts.

QUINCY MARKET CORN.

We want every one of our patrons to be sure to plant sufficient of this excellent early corn to test its merits, and if they do not find it of decidedly superior quality to the average of early varieties we will very cheerfully refund their money. Market gardeners who have raised it have no trouble in selling it, for it becomes the favorite table corn after their customers have once tried it. It holds the same rank among the early varieties for sweetness as Potter's Excelsior does among the later sorts. It comes in just after the Cory and just before the Crosby, but is larger than either. Twelve rowed. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.



Quincy Market.

MARBLEHEAD MAMMOTH.

Green ears have been exhibited weighing between two and three pounds. It is among the earliest, sweetest, and largest of all the Mammoth sweet varieties. Probably no other sweet corn will yield as much fodder, and for this reason it is extensively planted, to be fed green or dried. Price, per quart, per express, 25 cts.; per quart, postpaid, 37 cts.; per package, 10 cts.

BRONZE POP.

Those who make a business of raising pop corn by the acre in New England, have uniformly, as far as our observations have extended and inquiries reached, settled on the bronze variety as by all odds the best for popping purposes and the most profitable to raise, it being a fine cropper and reliable for ripening. We offer pure seed, selected by a reliable grower. Price, per quart, postpaid, 50 cts.; per package, 10 cts.

If you want a magnificent bed of Pansies, plant Gregory's Special Mixture. See page 59.

Mrs. L. S. Johnson, Van Wert, O., writes: "My Cumberland cucumbers from your seeds took the first premium at our County Fair."

CUCUMBERS.

George F. Teague, Lexington, Mass., writes: "Would say further that your seeds have this year given perfect satisfaction."

EXTRA SELECTED WHITE SPINE CUCUMBER.

We offer to our customers a new strain of the White Spine which they will find superior, in its fine size and symmetrical shape, to many strains, while in purity it is remarkable, being *perfectly pure* — not a single one off color appearing in a crop covering nearly an acre of ground. *We confidently recommend this strain for hot-house culture.*

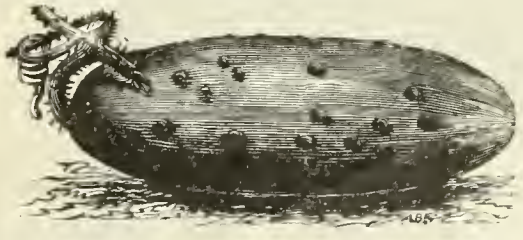
Per pound, postpaid, $1.58; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

LEMON CUCUMBER.

This is one of the unique curiosities which seedmen now and then discuss.

The fruits are nearly round, with the yellow and green markings and smooth skin of the Lemon, while the flesh is exceedingly tender and crisp, with a sweet flavor surpassing all other cucumbers. For slicing they excel; for pickling, ripe or green, one of the best and the most attractive, on account of their quaint form. They can also be used same as small melons for mangoes. At the best just as they are turning yellow. Price, per package, 10 cts.

NICHOL'S MEDIUM GREEN.



Excellent sort for pickles, and also good for early forcing. Color, dark green; flesh crisp; very prolific and always straight, smooth and handsome. Price, per pound, postpaid, 98 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

Daniel W. Lamb, Mystic, Conn., writes: "Gregory's seeds never fail, they are always reliable."

CUCUMBERS. — Continued.

Moses F. Haskins, Dover, Me., writes: "I received first prize at our County Fair on vegetables grown from your seed."

The New Evergreen is very *hardy* and evergreen, withstanding drought and bearing until frost. A very strong grower, extra early, and of best flavor, bearing firm, crisp fruits, either for pickling or slicing.

A celebrated vine-seed grower says: "I believe I never saw cucumbers lie thicker on the ground than the Evergreens did. When the frost killed the vines it really looked as though *the whole surface of the ground was covered.*"

Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts; per ounce, 10 cts.; per package, 5 cts.

THE CUMBERLAND.

(*Novelty of 1903.*)

"This variety is of the hardy, white spine type, is a rapid, strong and vigorous grower and very prolific in fruit.

"The pickles differ from all other hardy sorts in being thickly set with fine spines; the form is exceptionally straight and symmetrical, thus being as choice for a slicing variety as it is for pickles."

As a table variety, in crispness and flavor, our better-half concluded she had never found its equal. Price, per pound, per express, $1.25; per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 15 cts., per package, 5 cts.

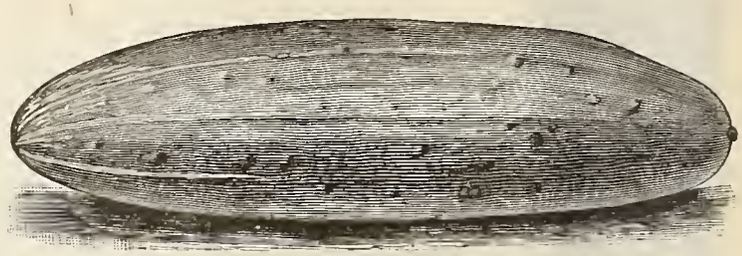
GIANT GERMAN.

The white color is peculiarly clear and strong. For all who desire to raise the most attractive variety possible for exhibition purposes, we know of no sort which can give greater satisfaction than the Giant German. Like all the other mammoth varieties with which we are acquainted it will sometimes sport. Price, per ounce, 40 cts.; per package, 15 cts.

Joel M Haskins, Trimble, Ohio: "Your seeds are all right and always give me good crops. I thank you for the extras sent me."

Our Seed may be a little dearer but not higher than those that make a good crop possible.

THE FORDHOOK FAMOUS CUCUMBER.



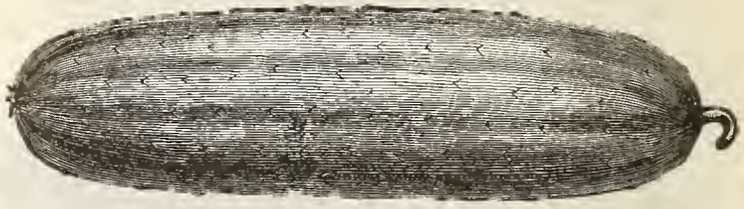
The introducer speaks of it in this wise: "Vines produce an enormous crop, being of unusually vigorous growth. Perfectly smooth and very dark green, the handsome fruits measure twelve to eighteen inches long; they are always straight — never turn yellow, and are extra solid. The beautiful white flesh is firm, crisp, and of most delicious flavor. The flesh seems to be all there is of the cucumber, as the seed space is extremely small. Is sure to supersede soon all other types of the popular Long Green Cucumber. Try it! Gardeners everywhere will want this most handsome of all table cucumbers, both because they bring an extra price on market, are of the white spine type (long remaining deep green), and because the vigorous vines are so very productive."

M. S. Marsden states: "In the thirty years I have been in the business this is by far the most productive and finest cucumber I have ever grown. I easily got double the usual price for them." Mr. Ritter, of Medina, Ohio, states: "The vines are unusually vigorous, and produce a remarkable crop of most beautiful and best long cucumbers." Joshua F. Crowell, of West Yarmouth, Mass., states: "The fruits are more uniform, smoother, larger, firmer and crisper and command a better price than any other variety." Price, per pound, postpaid, $1.58; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

COY'S EARLY CYCLONE.

If the market of any of our patrons calls for an improvement on Improved White Spine in earliness, so much that it is ready to accept it at the cost of a reduction in size, they will find it combined in this "Early Cyclone" of Mr. Coy. Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

BENNETT'S WHITE SPINE. (*New.*)



This is considered the best cucumber brought into the New York market. We find it to be a fine strain of very pure stock, retaining its glossy green color quite late. It will be found to be a little later than the "Improved White Spine" we catalogue. Per pound, postpaid, $1.08; per ¼ pound, 30 cts., per ounce, 10 cts.; per package, 5 cts.

THE MORSE LETTUCE.

Mr. Morse is the largest grower of lettuce seed the world over. From his large experience he has selected and propagated this new variety as specially worthy the attention of market gardeners. It is a sort between the black and white seeded Simpson lettuces, being larger than either and lighter in color than white seeded. It is not as light and fluffy as black seeded, but is a more thrifty and vigorous variety. Good for growing either under glass or out of doors. Excellent for either spring or summer use. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

Crawford H. Thomas, Ramsey, Ark., writes: "Your Marblehead Mammoth Cabbage Lettuce is a gem in its way."

FINE LETTUCES.

(See also Page 18)

W. G. Dane, Newport, Vt., writes: "Your Marblehead Mammoth Cabbage Lettuce, also your Hanson, are the finest."

DENVER MARKET LETTUCE.

This on our grounds proves to be what the introducer claims, "an early variety of head lettuce, either for forcing or open ground. It forms large solid heads, of a good, light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy cabbages), very crisp and tender and of excellent flavor. By these blistered leaves it distinguishes itself from any other kind of lettuce now grown. The shape of the head resembles somewhat the 'Hanson,' but is more oblong."

Price, per pound, postpaid, $1.23; per ¼ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

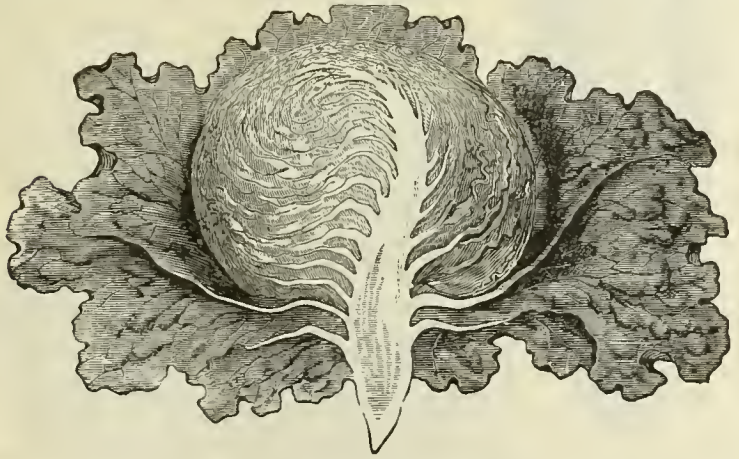
HITTINGER'S FORCING.

The very best for forcing for winter and early spring use. Our stock was supplied by one of the leading firms of market gardeners in Arlington, Mass. The junior member of our firm says that in a large section of a greenhouse in Arlington where he saw it growing there was not one head that was "off" in shape or color. Price, per pound, postpaid, $1.83; per ¼ pound, 55 cts.; per ounce, 20 cts.; per package, 5 cts.

THE HANSON.

The Most Popular Lettuce Catalogued.

The cut below shows the inside of this very popular lettuce. Its heads grow to a remarkable size, and are sweet, tender and crisp, even to the outer leaves; this variety is free from any bitter taste found in some sorts. It is not recommended for forcing, but for outdoor cultivation it is rarely equalled, if grown on ground well manured and well cultivated. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.



SUGAR LOAF LETTUCE.

If you want a first-class, all round family lettuce, try this. Its habit of growth is such that while it branches out (growing under good cultivation, to ten or twelve inches in diameter), it also grows thick and high, thus making a large plant with plenty of heart. Medium green in color, with a fine brown tinge. Of excellent quality, and does not quickly run to seed. We recommend it as being among the best of summer lettuces. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

MARBLEHEAD MAMMOTH CABBAGE.

This makes the largest head of all the lettuce we have ever raised, measuring eight inches in diameter across the solid head, or as large as a good Drumhead cabbage. Moreover, the heads are as distinctly defined, and nearly as closely wrapped together, as are found in the average Drumhead cabbage. Leaves are lightish green in color. It belongs among the second early. In quality, tender, crisp, and free from bitterness.

Mr. Meggatt, the well-known seed grower, writes us: "Planted in my trial grounds, it proved a splendid summer cabbage lettuce: very large, a hard header, good quality, and very slow runner up to seed. I think it is equal to any cabbage lettuce I ever saw, and very much better than the most of them."

Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 12 cts.; per package, 5 cts.

MARKET GARDENERS PRIVATE-STOCK.

A strain of black-seeded tennis ball selected with special care for hot-bed and cold frame culture. It makes large, solid heads which stand a long time before sending up seed shoots. Price, per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

Says Mr. Goff of the New York Ag. Exp. Station: "Your Miller Cream Melon is extremely sweet, rich and delicious, and very distinct."

FINE MUSKMELONS.

Chas. Purrington, Pequabuck, Conn., writes: "The Miller Cream is the *very best* variety I ever raised; I have a good many friends when melons are ripe."

ROCKY FORD MUSKMELON.

This new variety is of the Netted Gem class; it grows to about the same size as that fine melon, but is rather coarser netted. Green fleshed and of good quality. The Colorado-grown crop which stands at the head of all the muskmelons grown in the country for fineness of flavor, has had a great run in our Eastern markets for the past two years, to the detriment of our home-grown sorts. We have found the difference between it and Netted Gem so slight that we hesitate to recommend it to those of our customers who are raising that variety. Still, it might be wise to try it on a small scale to determine whether it is an earlier strain. Price, per pound, postpaid, 98 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

GOLDEN NETTED GEM.

A valuable acquisition. On our experimental grounds, side by side with several other sorts, we found it ripened decidedly the earliest of any of them. Green-fleshed, nearly round in form, flavor delicious, very heavy for its size, which is below the average, *making it a better variety for family use than for market*, yet a tremendous cropper, yielding as many as twenty to a single hill. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

NEW NORFOLK BUTTON.

This is the earliest muskmelon to reach the markets of northern cities such as Philadelphia, New York or Boston. Being the earliest it has full control of the market and sells. It will be found to be earlier than the earliest strain of the Jenny Lind and of uniformly better quality. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

DELMONICO.

This has a taking name, that of the famous New York caterer, who may be supposed to know what a good melon is. The flesh is of an orange-pink color, of the same fine quality as the Emerald Gem. Mr. Coy, of Waterloo, Neb., probably the largest melon grower in the world, writes us that Delmonico was the only muskmelon of uniform good quality with him in 1889. Price, per pound, postpaid, 98 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

THE MILLER CREAM.

This melon, *which we were the first to name and catalogue*, has deservedly become exceedingly popular, probably more so than any other muskmelon now before the public. It is a cross between those two delicious melons, Sill's Hybrid and Casaba, growing rather larger and maturing a little later than the former. The flesh is of a rich salmon color, very sweet and melting in quality, and so very thick that the melon is almost solid, the seed cavity being remarkably small. The rind is thin, slightly sutured. The vine is a strong grower, and fairly productive. Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

EMERALD GEM MUSKMELON.

Of the Christiana type, small in size, very early, and in form flat-round. The flesh is of a deep orange color, and very thick, the seed cavity being exceptionally small. They are very sweet and the flavor delicious, the melon being always good. Very uniform in appearance. Price, per pound, postpaid, $1.58; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

CHAMPION MARKET.

This new claimant for public favor is said to be quite distinct from other varieties. They weigh from four to five pounds each. The flesh is light green in color, of a rich, sweet flavor. It is deeply ribbed and heavily netted. It is about three times the size of the Netted Gem. It has been sold in the markets of New York for $1.50 per barrel higher than the average of melons. It is said to be very productive. It is an excellent shipper and promises to make a first-class market variety. Price, per pound, postpaid, 83 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

BANANA.

This melon surpasses all others in its delicious fragrance. Externally it is of a creamy white, or delicate straw color. The flesh (the melon being nearly solid) is of a rich salmon. The quality is first-rate *when the melons are thoroughly ripe.* It grows from eighteen inches to two feet in length and is very prolific. When ripe its shape reminds one of a large, overgrown banana, and it smells like one, *having a remarkably powerful and delicious fragrance;* one melon will scent the house. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce 10 cts.; per package, 5 cts.

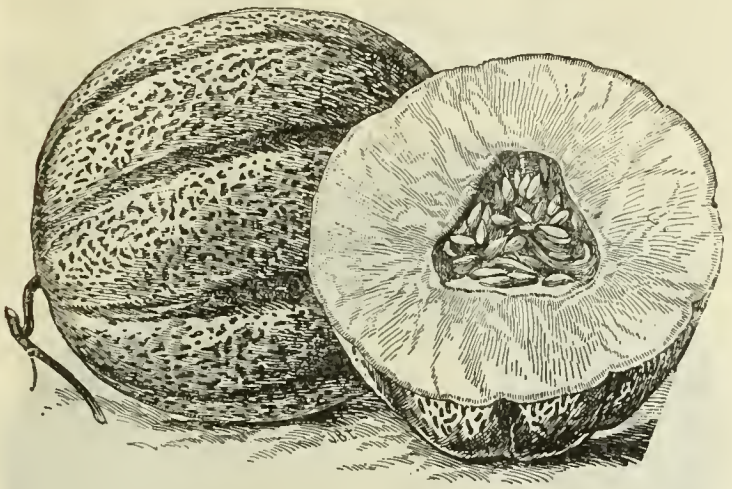
MONTREAL NUTMEG.

This has been raised to weigh over thirty pounds. Exceptionally uniform in shape; netted; flesh green, quality superb. Price, per pound, postpaid, $1.58; per ¼ pound, 50 cts.; per ounce, 15 cts.; per package, 5 cts.

Seeds ordered at mail prices, will be sent postpaid by us.
When seeds are ordered to be sent per express or railroad the cost of the transportation will be at the expense of the purchaser.

For prices in full for bushel and **MUSKMELONS—Continued.** pound to package, see pages 38 to 51, inc.

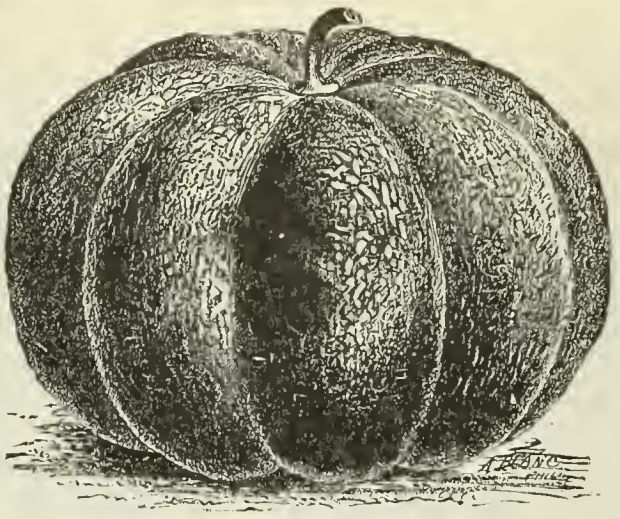
PAUL ROSE MUSKMELON.



Of medium size, rather elliptical in shape; netted; salmon fleshed and so thick meated as to be almost solid; quality first-class. It is a cross between the Netted Gem and the Osage (or Miller Cream), two of the best melons for quality ever introduced. A first-class shipper, and in the Chicago market has been quoted at an average of more than double the price of other sorts. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

Let us hear of your experience with some of the extras.

SHUMWAY'S GIANT MUSKMELON.



This has been raised to weigh over twenty pounds. The color of the skin is a yellowish green; the shape is nearly round, slightly flattened. The flesh is a light salmon in color. Quite thick meated. *It suggests in quality a cross between a muskmelon and a cantaloupe.* It ripens clear to the skin. A large showy melon, and likely to take well in any market. Prolific and remarkably pure. The seeds are the largest of all the muskmelon class. Price, per pound, postpaid, 98 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

A. H. Wade, Richmond, Me., writes: "I have always found your seeds true to name and first-class in every respect."

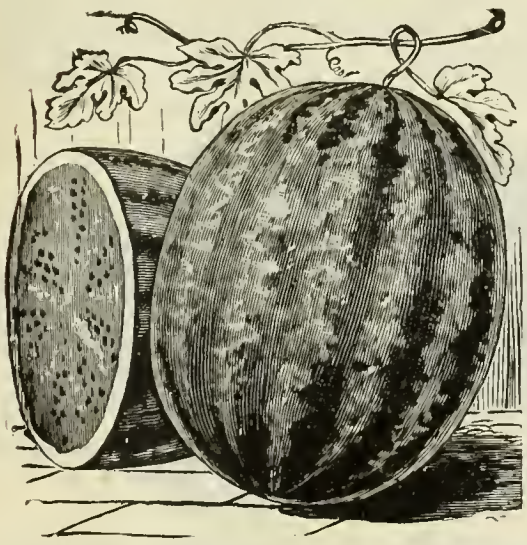
CHOICE WATERMELONS.

Wm. J. Kelly, Attica, Ohio, writes: "Your Cole's Early is the best watermelon in the world for family use."

SEMINOLE WATERMELON.

This new melon originated in Florida, the land of melons as well as flowers. It sports from gray to green in color, but all are of the same size, shape, flavor, etc. It is said to possess four distinguishing qualities: it is *extra early, extra large, enormously productive, and of most delicious flavor.* Price, per pound, postpaid, 78 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

COLE'S EARLY.



Cole's Early is one of the finest melons ever offered, for the amateur and for the home market. Being somewhat brittle, it will not do for shipping purposes. *It is very early*, and will mature in every State; very hardy, vigorous, and a sure cropper. Sweet and delicate, flesh a deep red color; the rind is thin and the quality of the flesh is sustained clear to the rind. The melons are of medium size, nearly round in shape, rind green, striped with lighter shades. Price, per pound, postpaid, 83 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

FLORIDA FAVORITE WATERMELON.

Mr. Girardeau, of Florida, who originated this variety, thus describes it: "In shape, it is oblong; in coloring, green and white stripes blended; flesh, light crimson, crisp, and deliciously sweet, ripening ten days earlier than Rattlesnake, Kolb's Gem, and Iron-Clad, all having been planted at the same time." Seeds rather small and of a creamy white color. Price, per pound, postpaid, 78 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

IRON=CLAD.

A large melon, chiefly resembling the Gypsy. Flesh of a rich red; flavor, sugary and delicious, keeping its quality to quite near the skin. Called Iron-clad, because they stand rough usage so well. Price, per pound, postpaid, 68 cts.; per ¼ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

FERRY'S ICEBERG.

"In general shape, size and appearance, this is similar to the well-known Kolb's Gem, but is distinctly darker, and the skin where the melon rests on the ground is rich yellow instead of white as in that variety. It has a very firm, hard rind and is quite as good a shipper as the Kolb's Gem, but the flesh is much deeper colored, extends nearer to the rind, and is much more tender and sweet. We think this variety is much the best dark colored shipping melon yet produced and that as soon as known it will take the place of those now used for this purpose." We have quoted Mr. Ferry's description of his new melon; he is well-known among seedsmen to be very cautious in recommending new vegetables. Per pound, postpaid, 98 cts.; per ¼ pound 30 cts.; per ounce, 10 cts.; per package, 5 cts.

MONTE CRISTO OR KLECKLEY'S SWEETS.

We introduce this new melon as a splendid sort for home use or near markets, as the flesh is so tender it won't bear even a light jar without bursting open. Vine vigorous and productive; fruit of medium size, oval; color, dark mottled green in two shades, forming indistinct stripes; flesh very bright, rich red and exceedingly sweet. Per pound, postpaid, 98 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

For full prices of **WATERMELONS.—Continued.** Vegetable Seed see pages 38, 51.

THE MONSTER WATERMELON.—"THE TRIUMPH."

The above is the better name for a new variety of watermelon, which Mr. Girardeau introduced under the name of "Triumph." The accompanying illustration shows two in the process of weighing: one, 135, and the other 148¾ pounds. Well might he add, "such monsters were never thought of before"

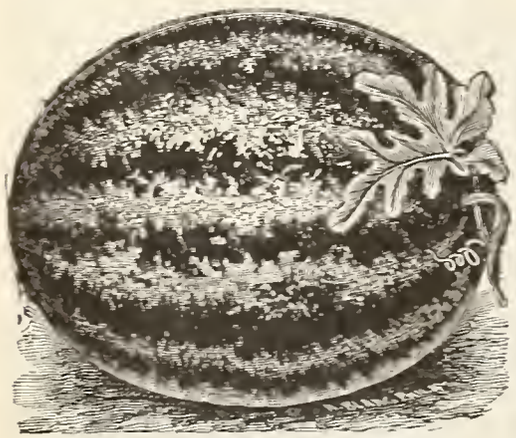
Mr. Girardeau's statements relative to the enormous weight of his melon are supported in letters from the governor of Georgia, the editor of the *Atlanta Journal*, and other men of repute.

He adds: "The Triumph is not only a monster in size (a single specimen of the largest filling a flour barrel), but it is very prolific, early, and of delicious flavor. Moreover, it is a capital shipper, carrying as well long distances as Kolb's Gem or any other variety." Price, per pound, postpaid, 7S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

THE DUKE JONES.

This is a nearly round variety, of enormous size, of surpassing quality, and excellent shipper. J. R. Wilder, of Anthony, Fla., writes: "In our judgment, the Duke Jones is destined to supersede all varieties as a shipper as well as a local market melon. It has every desirable quality." Price, per pound, postpaid, 7S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

KOLB'S GEM.



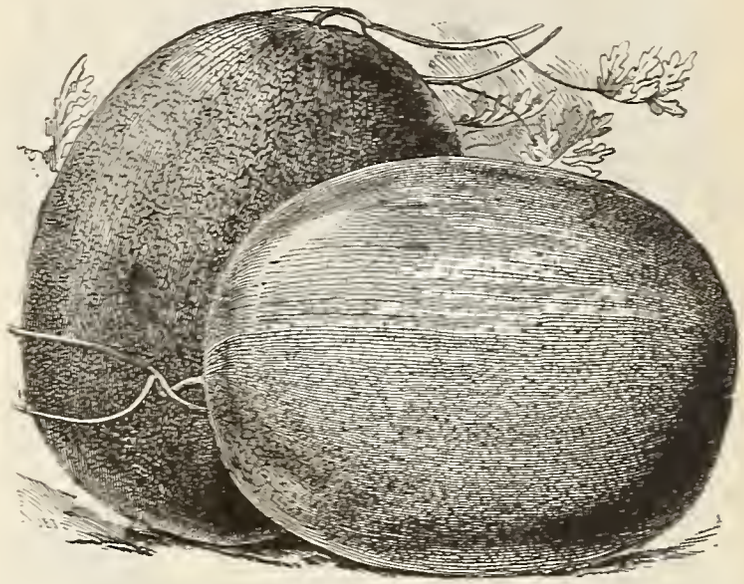
Kolb's Gem is largely grown in the South for shipping to Northern markets, and has proved to be one of the best shipping melons known, as it has a very tough skin and will stand transportation better than most kinds. Flesh of a bright red color: it ranks high for flavor. Nearly round in shape, striped with light green and grows to weigh from twenty-five to fifty pounds. Price, per pound, postpaid, 7S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

Don't overlook the Children's page.

SWEET HEART WATERMELON.

A large, handsome, heavy melon, a good shipper, long keeper, of bright color and best quality.

"Vine vigorous and productive, ripening its fruit early. Fruit large, oval, very heavy, uniformly mottled light and dark green.



Rind thin, but firm. Flesh bright red, firm, solid, but very tender, melting and sweet. Fruit remains in condition for use longer than most sorts. Seeds gray." Price, per pound, postpaid, 8S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

FERRY'S PEERLESS.

This melon is of medium size, thin rind, mottled green, flesh bright scarlet, solid to centre, very sweet. An excellent sort for garden cultivation. Per package, 5 cts.; per ounce, 10 cts.; per ¼ pound, 25 cts.; per pound, postpaid, 7S cts.

DARK ICING.

One of the best of melons, possessing a delicious flavor. There are two varieties,—a light and a dark skinned,—differing in color only. Price, per pound, postpaid, 7S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

DIXIE.

A Southern variety, which is said to surpass the famous Kolb's Gem as a shipper, and to be unexcelled in quality and productiveness. One grower realized $200 per acre; another got $30 to $40 per hundred, a third declares it the best in his thirty years of expe-

rience; a fourth counted a dozen ripe to a hill, and a fifth took first premium at the Illinois fair. Price, per pound, postpaid, 7S cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

"I am advised to send to you for seeds. A friend says yours are the best in the United States, and I desire to try them."

JAS. M. CROFUT, Beaufort, S. C.

SUPERIOR ONION SEEDS

For Full Directions for Raising Onions, see our Treatise on Onion Growing, - - Sent to any Address for 30 Cents.

As a Rule, Red Onions are Superior to the Yellow Varieties for Table Quality.

PEDIGREE ONION SEED.

We still continue to raise our Pedigree strain of onion seed of the various kinds, by which we mean seed grown from most carefully selected, hand-picked onions. We send the men over the beds after the onions are pulled, raked in windrows, and dry enough to house, on their hands and knees, to select out the driest, and therefore the earliest, the thickest, hardest, and best-shaped onions; all to be of good market size. We have a right to claim that seed raised from such onions is decidedly superior to the great mass of seed to be found in the market.

We would invite any onion planter to visit our seed farms, at Howe's Station, Mass., and examine our seed onions.

There is onion seed and onion seed, but the Danvers Onion seed that we offer is grown from carefully selected stock in the very Danvers where that onion originated or the towns bordering it, and if that supply is exhausted then from New England grown stock which is the very best raised in the United States. A few dollars an acre invested in seed of extra quality is many times made up in the crop raised from them.

An observing, intelligent farmer claimed that earliness, reliability for bottoming, smallness of neck, can be as thoroughly inbred in an onion as capacity to transmit her good qualities can be inbred in a cow or any class of animals. What is possible to attain to in this matter our customers find in our onion seed, as shown in *the extracts from letters given below.*

J. R. Peckham & Son, Norwicb, Conn., writes: "From less than one-quarter of an acre planted last year to your onion seeds we harvested 20 bushels, besides 1500 bunches sold before harvest."

Henry Sbaw, Waterville, N. S., writes: "Your Early Cracker Onion gives general satisfaction. They are liked the best in our local market."

Robert M. Willis, Marietta, Minn., writes: "Your Pedigree Onion seeds are something wonderful. They grow fine, even sized bulbs."

M. W. Chapman, Stark, Me., writes: "From onions grown from your Early Round Yellow Danvers Onion seeds, I took the first premium at our Sandy River Fair."

John Lyons, Penfield, N. Y., writes: "The Early Round Yellow Danvers Onion seeds I got from you last year did first rate. On five and one-quarter acres of land grew 5,400 bushels."

SOUTHPORT WHITE GLOBE.

About as white and handsome as a newly made snowball; sells at a higher price than other sorts. Too late to grow safely north of Massachusetts. A tremendous cropper; we have raised these at the rate of 1300 bushels per acre. To get a very fine white onion, pull just as they begin to go down and dry in an airy and shady place. The white class of onions are not as good keepers as the red and yellow sorts. Price, per pound, postpaid, $3.08; per ¼ pound, $1.00; per ounce, 30 cts.; per package, 5 cts.

SOUTHPORT YELLOW GLOBE.

(Also known as Late Danvers Globe.)

In this we have a variety precisely like the Southport White and Red in shape, differing from them in color only. It may be defined as a late Globe Danvers, a larger cropper than the early Round Yellow Danvers. It has matured well as far north as Central Massachusetts. The Southport Globes always command the highest prices in the New York market. Price, per pound, postpaid, $2.08; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

EARLY ROUND YELLOW DANVERS ONION.

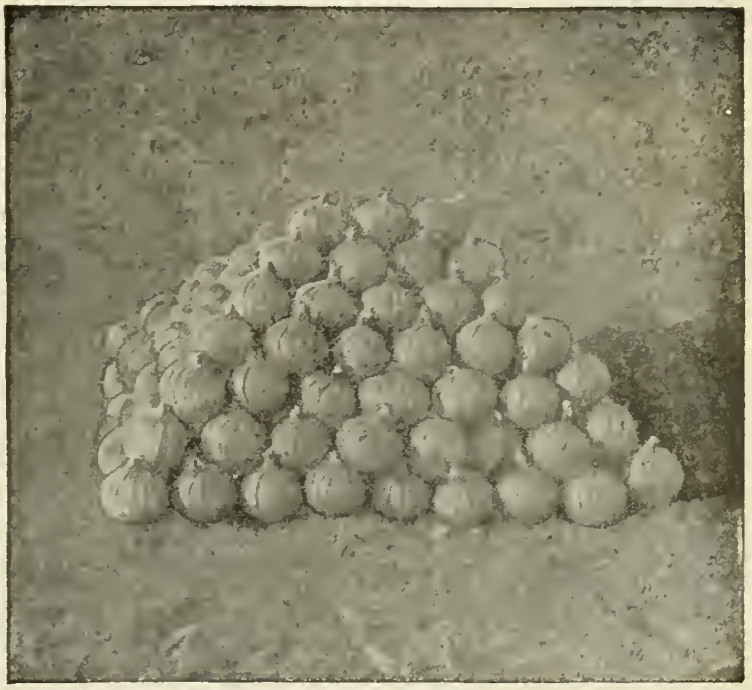


PHOTO. OF OUR EARLY ROUND YELLOW DANVERS ONION, TAKEN IN THE FIELD.

We have by careful selection increased the roundness of our Danvers Round Yellow until it now is a fine, large, thick onion. The Danvers onion does best on a gravelly loam, making harder and brighter colored bulbs than on heavy, dark or mucky soil, while it keeps better. If to be raised on muck, the land should first receive two hundred loads per acre of gritty soil. Price, per pound, postpaid, $2.33; per ¼ pound, 65 cts.; per ounce, 20 cts.; per package, 5 cts.

LARGE FLAT WHITE ITALIAN.

Our customers will find it to be an extra large, extra early, white onion, that bottoms down well and is nearly entirely free from scallions. *Its sphere is as an extra early fall onion.* For this purpose *it is decidedly an acquisition.* Price, per pound, postpaid, $2.08; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

SOUTHPORT LATE RED GLOBE.

Very popular in the markets of New York; it measures better and sells at a higher price than Red Wethersfield. It is late and we do not recommend it for north of Central Massachusetts. Price, per pound, postpaid, $2.25; per ¼ pound, 63 cts.; per ounce, 25 cts.; per package, 5 cts.

WHITE DUTCH EARLY ROUND HARD PICKLING.

The White Dutch is the beau ideal of a pickling onion, small, round, hard and white, surpassing every other variety for this purpose. *It is the only one used in the immense pickle factories of England and France.*

For pickles you need to plant thickly, at the rate of 30 pounds or more per acre, to produce the small pickling size. Price, per pound, postpaid, $1.75; per ¼ pound, 53 cts.; per oz., 20 cts.; per package, 5 cts.

SUPERIOR ONION SEED — Continued.

THE EARLY YELLOW CRACKER ONION.

Is the earliest of all our yellow sorts and is an excellent kind to raise where the seasons are short. It is the best of all the yellow onions in quality, but needs to be harvested as soon as it dies down, and handled as carefully as an apple. Price, per pound, postpaid, $1.75; per ¼ pound, 53 cts.; per ounce, 20 cts.; per package, 5 cts.

YELLOW GLOBE DANVERS. (Western grown.)

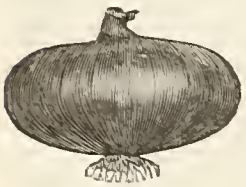
We again catalogue the same grade of Danvers Onion Seed *sold by seedsmen in general.* This will vegetate first-rate and produce such Danvers onions as are usually found in the market. Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 15 cts.; per package, 5 cts.

EARLY RED GLOBE DANVERS.

This variety, though it has had the name "Globe" given it, is a thick, flat, rather than round onion. In our trial grounds we have found none of the varieties of Red Globe equal in bottoming, earliness, and cropping qualities, to our Early Red Globe Danvers. This onion is not as well known as it ought to be; it ripens two weeks earlier than Red Wethersfield. Scallions are almost unknown when grown from carefully selected seed stock, it being as reliable for bottoming well as Winningstadt cabbage is to make a head.

Price, per pound, postpaid, $2.00; per ¼ pound, 60 cts.; per ounce, 20 cts.; per package, 5 cts.

LARGE RED WETHERSFIELD.



This is the famous old standby, which perhaps is more extensively raised than any other sort. It is hardy, later than Danvers, but has not been bred to make as handsome an onion. The Reds are sweeter onions to eat than the yellow sorts, but do not look so inviting when cooked. Price per pound, postpaid, $1.43; per ¼ pound, 45 cts.; per ounce, 15 cts.; per package, 5 cts.

PRICES OF ONION SEED.

See note at foot for prices for quantities. See also page 46.

We offer onion seed this year at the following rates:— Per lb.

Early Round Yellow Danvers (our New England strain)	$2.25
Early Red Globe Danvers (our New England strain)	1.92
Early Yellow Cracker (our New England strain)	1.67
Early Flat Red (our New England strain)	1.50
Southport White Globe (our New England strain)	3.00
Southport Yellow Globe (our New England strain)	2.00
Southport Late Red Globe (our New England strain)	2.17
Wethersfield Large Red (our New England strain)	1.35

☞In case 10 to 25 pounds of any of the above are taken, the price will be 25 cents less per pound.☜

These quotations are per express or freight at purchaser's expense. If ordered by mail, remit 8 cts. to above rates per pound for postage.

Directions for Cultivating the New Hardy Winter Onion.

If to remain as sowed, plant as early as September 7; if it is intended to transplant, then as early as July 7, and transplant about six weeks later. Thin to two inches apart. Be sure to manure as liberally as for transplanted sets.

EGYPTIAN OR PERENNIAL TREE ONIONS.

When once set out, without the slightest winter protection, these will come up year after year, as soon as frost breaks ground, and grow so rapidly that they are ready for market or home use *two or three weeks before any other onions.* The bulbs are not round, but irregular, just like those called "rare ripes," which we get by setting out old onions in the spring. They are larger the second year. For family use it is unsurpassed for sweetness and tenderness. The young sets grow on top of the stalks, like tree onions. These should be planted in the fall. They will be sent out in August or September, as soon as ripened. Price, per quart, postpaid, 37 cts.; per express, 25 cts.; per package, 10 cts.; per peck, per express, 75 cts.; per bushel, per express, $2.50.

NEW HARDY WINTER ONION.

If this new white onion does as well generally as it has done on our own ground, as far north as central Massachusetts, it will sound the death knell of onion sets, for *who will be likely to be at the great expense of buying and the costly labor of planting them when they can obtain better results by planting the seed of a variety that is so hardy that it will live over winter in the open ground without any protection, and produce early bunch onions* A FORTNIGHT EARLIER THAN THEY CAN BE RAISED FROM SETS? Think of the great difference in cost between buying 10 bushels of sets at the cost of $50.00 and the expense of handling one by one and setting out, which involves several days of quick, back-breaking work, while on the other hand there is only the cost of four pounds of onion seed! This variety does not run to seed. Price, per pound, postpaid, $2.58; per ¼ pound, 75 cts.; per ounce, 25 cts; per package, 10 cts.

Nott's Excelsior, the leader of the wrinkled dwarfs.

SOME CHOICE PEAS.

Gregory's Surprise, the earliest wrinkled. No earlier round pea.

(See also Page 32.)

THOMAS LAXTON PEA.

This fine pea very closely resembles the Gradus in size of pod and peas; the pod is of a darker color. Mr. Laxton considers it earlier than Gradus; in our trial grounds we could see no difference in this respect, but it appears to be a better cropper.

Price, per peck, per express, $2.75; per quart, per express, 50 cts.; per quart, postpaid, 65 cts.; per package, 10 cts.

EARLY MORN.

For Illustration see Outside Cover.

We have tested this splendid new variety for two seasons on our experimental grounds with scores of other varieties including Thomas Laxton and Gradus and this is our verdict. ☞ *It is earlier than either Thomas Laxton or Gradus.* All three were planted side by side May 5, and a mess was picked July 4th (60 days) from the Early Morn, when there were but a few straggling pods as well filled on the two other varieties. We found that not only are Early Morn earlier, but it has larger pods and is decidedly a better cropper than Gradus — and Mr. Frisbie, of Milford, Conn., writes, that this was his experience with it. The pods are not quite as dark green as Gradus. Let us not forget that it has the additional advantage of being a dwarf variety, with three splendid traits. 1st. Pods and peas extra large. 2d. It is a great cropper. 3d. It is the earliest large wrinkled pea in cultivation. Price, per peck, per express, $2.75; per quart, postpaid, 65 cts.; per package, 10 cts.

ADMIRAL DEWEY.

A chance seedling found among a lot of peas received from England. Its originator, who is a pea grower of the largest experience, declares it to be "without exception the largest podded pea of which we have any knowledge," and when to this is added heavy cropping and richest quality, it can readily be seen that it stands at the head of its class. Height, 3½ ft.; foliage, vine and pod a rich dark green. Remarkably healthy and vigorous, producing abundance of pods of largest size, sometimes six inches in length, well filled with peas of largest size, tender and of first-class flavor. Undoubtedly the best of all the class of long vine, large podded, wrinkled peas. In our experimental grounds this was the best of all the late varieties in cropping. Price, per peck, per express, $1.70; per quart, postpaid, 45 cts.; per package, 10 cts.

IMPROVED STRATAGEM.

The improved variety will be found to be nearly free of the vexing small sorts, and to yield an ideal crop of pods of immense size, well filled with dark green peas. Price, per peck, per express, $1.80; per quart, postpaid, 50 cts.; per package, 10 cts.

EARLY PRIZE.

A cross between Tom Thumb and the Advancer. Grows 18 in. high, being slightly taller than Premium Gem, and while equally early, it is decidedly a better cropper. Pod large, heavy, well-filled; also equalled to the wrinkled varieties in sweetness and flavor. It can be planted earlier than these without danger of the seed rotting in the ground.

Writes Mr. O. H. Alexander, the well-known pea grower of Vermont: "Having tested Early Prize by the side of 80 varieties from all parts of the country, I consider it in all respects one of the best."

Price, per quart, postpaid, 40 cts.; per package, 10 cts.

CLAUDIT.

This is one of the best of the many new sorts. It comes in just after Gradus, which it decidedly excels as a cropper and in length of pods; in some of these we counted nine peas, which as every gardener knows is very rare among American grown varieties. The peas are blue-green in color, sweet, tender, and of a rich flavor. Vine about 3 ft. in height. Its splendid cropping qualities and the extra size of the pods will please everybody. Price, per peck, per express, $2.00; per quart, postpaid, 50 cts.; per package, 10 cts.

MARKET-GARDEN PEA.

Of this remarkable pea, in our note-book on our experimental garden, in which we test all new things, comparing them with standard sorts, we find the following entry: "A tremendous cropper, excelling, with a single exception, every one of the forty-five varieties on trial; pods as long as Advancer, and as well-filled. It grows nearly as tall as Advancer, but is a better cropper." At the Ohio Experimental Station, 25 plants of 28 kinds were carefully harvested, and the pods and peas counted, and the total product of each weighed. The result was, that the shelled peas of the Market-Garden weighed nearly twice as much as the heaviest cropper of either of the other 27 varieties

The seed should be planted three inches apart in the drill. Price, per peck, per express, $1.25; per quart, postpaid, 40 cts.; per package, 10 cts.

THE GRADUS.

This is undoubtedly the earliest of all the large podded, wrinkled peas yet introduced, being as early as those of the Alaska class, and but a few days later than the Surprise. We do not find it to be a heavy cropper, but the large size of the pod, the quality of the pea, with its extreme earliness, make up a trio of good reasons for its introduction as a decided acquisition into the family garden. Price, per peck, per express, $2.75; per quart, per express, 50 cts.; per quart, postpaid, 65 cts.; per package, 10 cts.

GREGORY'S SURPRISE.

This new pea, which we named and introduced, *is the earliest of all the wrinkled sorts.* It will be found to be even earlier than the Alaska and Maud S. The vines grow 20–24 in. in height and need no sticking. Pods are not as large as the American Wonder, but far more numerous, while they are ready for market days before it. Though *full as early as the earliest hard sorts*, it has the delicious sweetness which belongs only to the wrinkled varieties.

This pea is sometimes confounded with the Station and Eclipse, but it had a different origin and has a distinct individuality, which will be shown on comparing the two in the field, when a greater difference will be found than exists between many of the earliest of the hard peas.

Price, per peck, per express, $1.80; per quart, postpaid, 50 cts.; per package, 10 cts.

TELEPHONE.

A tall wrinkled marrow of the best quality, a strong grower, and very productive. The pods are of the largest size, and contain from six to seven large peas. The rich dark green color of the pods make the peas *sell well* in the market; hence it has become very popular with farmers and gardeners. Price, per peck, per express, $1.70; per quart, postpaid, 45 cts.; per package, 10 cts.

Rev. J. Reynard Lawrence, Lanesboro, Mass., writes: "Your Admiral Dewey Pea is a beauty. I grew pods of it four and occasionally five inches in length, all well filled and of delicious flavor."

For prices per Bushel **SOME CHOICE PEAS. — Continued.** please see pages 46 and 47.

NOTT'S EXCELSIOR PEA.

This has gained the position of the standard first early pea. It is as early as the American Wonder, while the pods are larger, fully as well filled, and there are more of them. It grows half taller than the American Wonder, and *is a much heavier cropper*. Price, per peck, per express, $2.10; per quart, postpaid, 50 cts.; per package, 10 cts.

ECLIPSE.

One of the very earliest of the new wrinkled peas, being about as early as any of the earliest hard kind. Makes stout vines, grows good-sized pods, and lots of them, being a splendid cropper. Price, per peck, per express, $1.75; per quart, postpaid, 50 cts.; per package, 10 cts.

JUNO.

Pods are remarkably large, long, straight, thick through and well filled. The color of the pea is that very dark green which is so desirable. Seven or more great peas in a pod. The vines are short jointed, large leaved, and stalky at times, and *from eighteen to twenty-four inches in height*. It crops heavily; quality delicious; every way desirable. Medium early. A first-class pea to follow the early sorts. Price, per peck, per express, $1.40; per quart, postpaid, 40 cts.; per package, 10 cts.

DWARF CHAMPION PEAS.

First class as a variety to follow the Advancer; very healthy and vigorous. This is another favorite with the market gardeners of Long Island, where it is sown August 1, as a second crop, being less liable to mildew than other sorts. Pods and peas large, quality very sweet and rich. Price, peck, per express, $1 40; per quart, postpaid, 40 cts.; per package, 10 cts.

THE HEROINE.

This is one of the large-podded, large pea class, *though the vines grow but 2½ feet high*, medium early, green, wrinkled. *The pods are of large size, well filled, long and pointed*, containing from six to nine large peas. Quality the very best. Mr. Charles E. Pecker, one of our best market gardeners, writes: "I find the type of the Heroine pea to be thoroughly fixed. It is a fine pea for the most critical market gardener." Price, per peck, per express, $1.35; per quart, postpaid, 40 cts.; per package, 10 cts.

HANCOCK.

Many of our fellow-seedsmen send out an extra early pea bearing their own name. Were we to "follow suit," we should select the Hancock as our extra early. Price, per peck, per express, $1.20; per quart, postpaid, 40 cts.; per package, 10 cts.

For potato novelties see pages 2 to 6.

POTATOES.

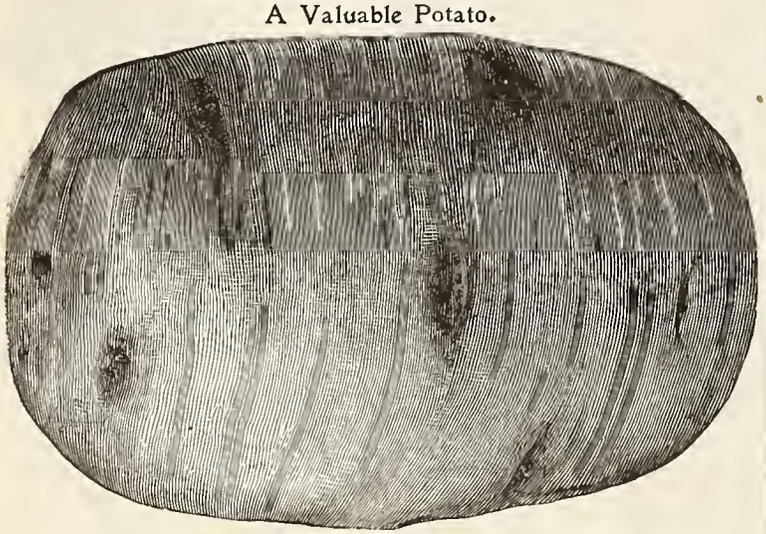
For prices please see page 27.

RAISING POTATOES — A FEW SUGGESTIONS.

We get most satisfaction from crops raised on clover sod inverted after the second season. By using 1500 pounds of a good potato fertilizer, half well harrowed in broadcast and half thoroughly mixed in the drill, we get a grand crop of nice large, smooth potatoes. Bradley's Potato Fertilizer has given us great satisfaction. There are four ways of fighting the rot fungus: 1. Keep out of wet land. 2. Plant red-skinned varieties if possible. 3. Plant early sorts that mature just before the advent of the dog days which are great breeders of rot. 4. In fighting the bugs always mix your Paris green in the Bordeaux mixture. Two eyes every fifteen inches are sufficient seed for vigorous sorts. Whole potatoes are safer to plant than pieces if the weather should turn cold and rainy after planting or on the other hand be exceptionally hot. By running the plow two or three times in each furrow before planting, the crop will be increased about 20 bushels to the acre. A soaking for an hour in dissolved corrosive sublimate, we find will kill the scab, or a rolling of the cut seed in sulphur will prove nearly as effective. Potatoes keep better in a cool rather damp cellar.

THE DELAWARE POTATO.

A Valuable Potato.



It is seldom we find such a combination of size, yield and quality in any potato. A professor in one of our agricultural colleges recently told us that he dug a carpet-bag full from a single hill, and a day or two after a farmer stopped me to say that it was the finest eating potato that he knew of. The average form is shown in the engraving. It is medium early; in size *it is large, being above the average; the skin and flesh are white; in yield it is a remarkable cropper, while in quality it is first-rate, being dry and mealy*. It is one of the few varieties that do well on all kinds of soil. Every farmer who has tested the Delaware has become enthusiastic in its praise.

F. A. Gray, Philbrook, Montana, writes: "From the 3 pounds of Delaware potatoes, from you last year, I grew 221 pounds, some weighing 1¼ pounds."

H. M. Turner, Wentworth, N.H. writes: "From the 1 pound of your Delaware potatoes, from you, I grew 90 pounds of fine tubers."

EARLY MICHIGAN POTATO.

An oblong, white, handsome potato with eyes on the surface. On well enriched land this is one of the most profitable market potatoes of recent introduction. Six hundred and eighty-four bushels have been raised under high culture on a measured acre. It is among the very earliest sorts, and when planted early will mature before dog days set in, and so escape the rot. The clear whiteness of their skin makes them very attractive. Our old friend, Mr. Andrew Lackey, who has been an experimenter for over half a century, called our attention to its merits as an early market sort.

EARLY NORTHER.

A seedling raised from a seed-ball of the Early Rose. In shape, color, and season of ripening it very closely resembles the Early Rose, but it is earlier and more prolific. Likely to become as popular as the New Queen.

N. G. Kilhorn, Douglas County, Minn., writes: "This has been a very poor season for potatoes, but, nevertheless, from one barrel Early Norther, bought from you last spring, I harvested 147 bushels."

WONDERFUL.

(*Novelty of 1903.*)

This is the new variety for which $300 was offered for a name. Yields have been reported up to 875 bushels per acre. We were exceedingly pleased with the crop raised on our farm. It proved to be a heavy cropper, yielding potatoes of large size and good shape. The eyes were close to the surface. They had that rich russet-brown skin with its fine network that is so attractive to the eye. Their shape is medium oblong. They all cracked when cooked, were very mealy and were nice flavored. Medium late. Our customers cannot fail to like this new comer.

Our Annual County Fair closes to-day, and we have taken 28 First and 5 Second Premiums on vegetables grown from your seed. We could have taken half as many more, but the others were not on the premium list, and therefore could not be awarded a premium. We got everything worth getting.— PECKHAM BROS., Norwich, Conn.

H. G. Lewis, Whiteside, Mo., writes: "The early Fortune potatoes that we got from you last year, eleven in number, made over four bushels of fine potatoes. We were agreeably surprised."

POTATOES. — Continued.

EARLY SIX WEEKS POTATO.

The Six Weeks is very evidently a seedling from the Ohio, which it very closely resembles in every way, but is earlier, makes rather taller stalks, and appears to yield better on upland than that fine variety. The potatoes grow so rapidly that, under favorable circumstances, they are as large as hens' eggs, and therefore fit for family use, *in six weeks from time of planting* and mature in between ten and eleven weeks. We find it a fair yielder, and though not so extraordinarily productive as some claim, still a *good cropper for so early a sort.* It revels in moist land.

You have got the *best early* and the *earliest* potato in existence. We had the Early Six Weeks Market Potato large enough for the table in six weeks from planting. They outyielded all other varieties.
AUGUST BROEKER (Gardener), Allegan Co., Mich.

Ten dollars per bushel would not buy my Early Six Weeks Market potatoes if I could not replace them for less. They are the earliest of all, and a heavy yielder. I predict they will be universally grown by market gardeners for early, and those gardeners who get them first will reap handsome profits.
JACOB E. STILSON, Onondaga Co., N. Y.

THE "ENORMOUS."

We tested this new seedling for two seasons in our trial grounds. Our field notes read as follows: "Late vines very healthy, stalks very stout and tall. Crop remarkable in quantity; potatoes very large, skin very white." Our experience led us to investigate its merits as tested by others, and the results were so uniformly in its favor that we have now introduced the Enormous to our customers as a variety that can be raised at a decided profit over many now on the market In 1895 Mr. Manum raised 604 bushels on a measured acre, on a light, dry, sandy loam with a gravel sub-soil, and the next season averaged 533 on three measured acres. It needs thin planting, not more than two good eyes each fifteen inches. The Pennsylvania Agricultural College reports that the Enormous yielded the best of thirty varieties tested at rate of 480 bushels per acre, of which 98.90 per cent were merchantable, large and smooth.

NEW QUEEN.

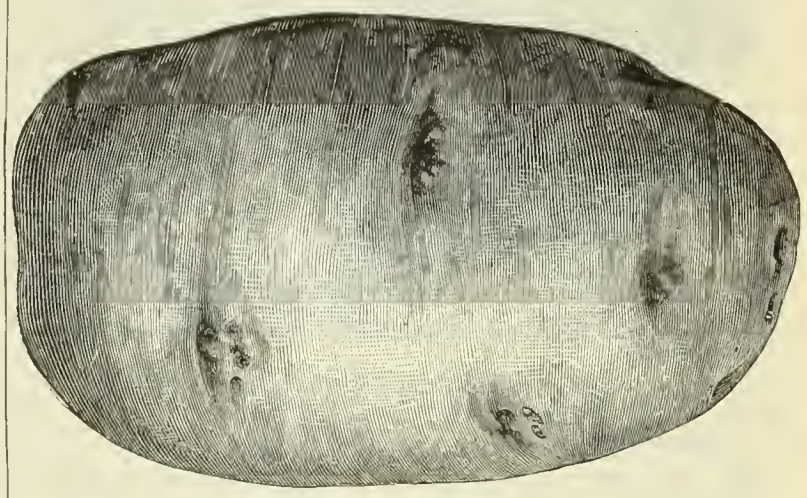
This has become exceedingly popular. It is very early, a capital cropper, yielding fine, large tubers, so handsome that half of them, without culling, would be good enough to exhibit at any agricultural fair. Under high cultivation, there are almost no small ones. In quality it is most excellent, the flesh being a pure white and of that sparkling, mealy texture that we all like so well in a potato when brought on the table. In shape and color it closely resembles its parent, the Beauty of Hebron.

GREEN MOUNTAIN.

The tremendous cropping qualities and excellent quality of this standard sort are so universally known to our customers, that there is no need of our spending ink and paper to set them forth.

EARLY FORTUNE POTATO. (*New.*)

We have raised this potato on a large scale, and find it to be a *very early sort and a splendid cropper.* They are of good quality and cook dry. Our customers can make no mistake in planting the



Early Fortune. It will give the best results, if cut to single eyes and these are planted twelve to fourteen inches apart on land that has been liberally manured. The extra profit of the early market is what we are all after, and it is these extra early varieties of potatoes that bring it. In our own experience we are not prepared to say that either the Early Roberts or the Early Fortune are earlier than Early Six Weeks, but we find that they yield much better and that the tubers are less liable to scab or rot.

CARMEN NO. 3.

The eyes are very shallow and but few in number. Of the shapeliest form, and even in droughty seasons its perfect shape is retained. A great yielder of large potatoes. It may fairly be claimed that it does not yield any small tubers in ordinary seasons. It bears its tubers very close to the plant, a single turn of the fork turning out every potato of the *largest size.* A perfect keeper. Both skin and flesh are of extreme whiteness. Very valuable for the main field crop.

Our claims for the Carmen No. 3 are: 1st. It is one of the handsomest large potatoes ever produced. 2d. It will outyield most varieties. 3d. Practically every potato is of marketable size. 4th. Its table qualities are good. It has no hollow hearts and no dark parts.

PRICE LIST OF POTATOES. (*Per Express or Freight at Purchaser's Expense for Charges.*)

We will supply up to and including three varieties in one barrel at barrel rates.

☞ We would advise our customers at the South to order potatoes in the fall, as there is more or less danger of their being injured by frost if forwarded between December 1 and April 1. While, therefore, we will guarantee, in filling such orders, to use our best judgment, all potatoes ordered to be forwarded between those dates must be at the risk of the purchaser, but if any customer wishes to order them before April 1st and is willing to take the risk of freezing we will ship them at any date requested. ☜

If Ordered per Express, Customers can Deduct 8 cts. per Pound from Mail Prices Named Below.

POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.
Clark's Pride. See pages 2-6	$4.50	$2.25	$0.80	$0.70	$0.30
Gold Coin. See pages 2-6..	5 25	2.60	.90	.80	.35
Noroton Beauty. See page 3	44.00	24.00	7 00	2.10	.85
Wonderful	4.00	2.00	.70	.60	.25
Early Michigan	4.00	2.00	.70	.60	.25
Enormous	4 00	2.00	.70	.60	.25
Early Fortune	4.00	2.00	.70	.60	.25
Six Weeks	4 00	2.00	.70	.60	.25

POTATOES.	Bbl. exp.	Bush. exp.	Peck exp.	3 lbs. mail.	1 lb. mail.
Early Norther	$4.00	$2.00	$0.70	$0.60	$0.25
Queen	4.00	2.00	.70	.60	.25
Delaware	4.00	2.00	.70	.60	.25
Beauty of Hebron	4.00	2.00	.70	.60	.25
Early Rose	4.00	2.00	.70	.60	.25
Green Mountain	4.00	2.00	.70	.60	.25
Carmen No. 3	4.00	2.00	.70	.60	.25

Price per 1-2 bushel Noroton, $13.00

GIANT PERPETUAL SPINACH SWISS CHARD.

This, though a variety of Chard, is to all practical purposes a giant spinach, the huge curled leaves being tender and cooking readily with a decided spinach flavor. Its great merit is that it will supply the greens from spring until late in the fall. The large midribs can be cooked and served like asparagus.

Mrs. E. C. Main, Marblehead, writes: "To-day we cooked some of your Spinach Beet and found it very fine. It tasted as good as any spinach we ever ate."

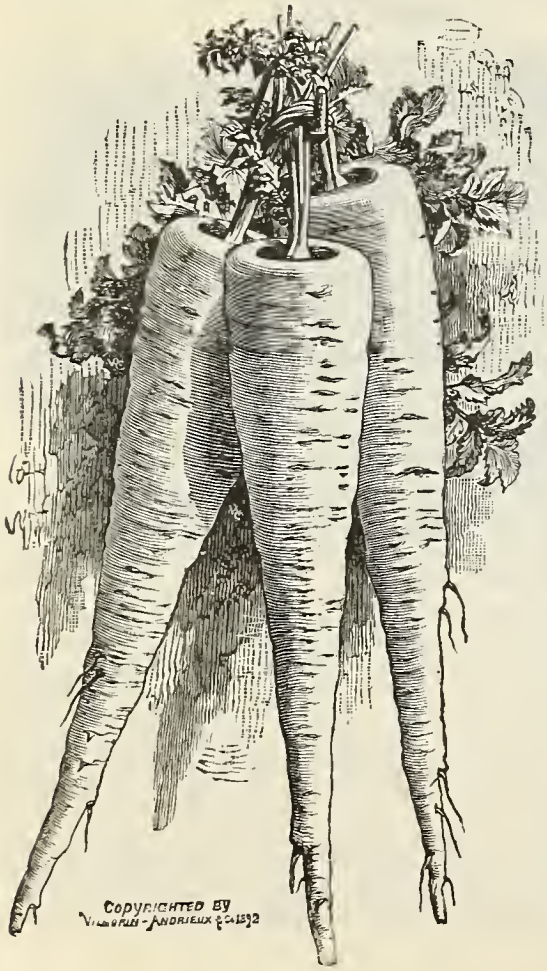
William T. Knight, Marblehead, writes: "Your Spinach Swiss Chard was simply grand."

Price, per pound, postpaid, 73 cts.; per ¼ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

FERRY'S IMPROVED PURPLE EGG PLANT.

We tested this new variety in our experimental grounds, and found it decidedly earlier than the standard sorts. Say the introducers: "This variety has about superseded all others, both for market and private use. The large size and high quality of its fruit and its extreme productiveness make it the most profitable to grow. Plants large, spreading; foliage, light green; fruit, very large, oval; color, dark purple. Plants ripen usually two to six large fruits. It is *spineless*, which is a great advantage in handling. Per ¼ pound, postpaid, 90 cts.; per ounce, 30 cts.; per package, 5 cts.

ABBOTT'S IMPROVED HOLLOW CROWNED PARSNIP.



The roots of this variety are long but not too long; it generally has a very clear, smooth skin and is easily distinguished by the leaves rising from a depression on the top of the root. Parsnips do best on a deep, rich, sandy soil, but will do well on any soil which is deep, mellow and moderately rich. Some dairymen grow these to feed to their stock. Price, per pound, postpaid, 68 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

VICTORIA SPINACH.

This variety has this to recommend it, that while it fully equals the Long Standing in being slow to run to seed it has a thicker leaf than that variety. Color, a rich, dark green. Price, per pound, postpaid, 38 cts.; per ¼ pound, 15 cts.; per ounce, 10 cts.; per package, 5 cts.

ARLINGTON DOUBLE CURLED PARSLEY.

This is specially a market gardener's strain. One of the most successful of these says of it: "The plant is very robust and of free growth. The leaves are large, very dark green, and beautifully curled. An exceedingly large yielder, while it stands the heat, cold and drought better than any other." Price, per pound, postpaid, 83 cts.; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

RUBY KING PEPPER.

These peppers ordinarily grow four and a half to six inches long by three and a half to four inches broad. When ripe they are of a beautiful bright, ruby-red color, and are always remarkably mild and pleasant to the taste. They can be eaten sliced like cucumbers. Very handsome and very productive. They need to be started in a hot-bed. Price, per ounce, 25 cts.; per package, 5 cts.

NEW VIRGIN MUSHROOM SPAWN.

It is a fact well known that mushroom spawn produced in the ordinary methods degenerates in both the quality and quantity of the crop. Dr. Repin has, after many failures, succeeded finally in raising spawn by sowing the spores of the best mushroom, which is called "Virgin Spawn." This is characterized by its great vigor of growth, and produces the best of mushrooms, that are not so liable to be attacked by disease. We now offer this to our customers, obtained directly from the laboratory in France, where it is manufactured in compressed, sterilized manure slabs, thoroughly pervaded by the spawn, about ½ inch thick. Price, per pound, postpaid, 60 cts.; per ¼ pound, 20 cts.

When you order please give your Name, Post-office, County and State. Kindly read shipping directions on Order Sheet.

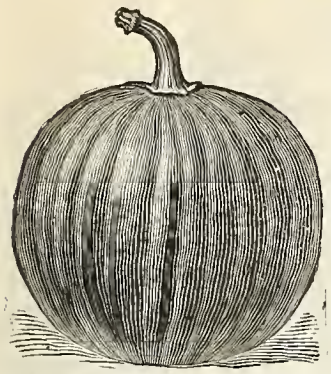
Honest seed at reasonable prices.

C. H. Cheney & Son, Belmont, Mass., writes:

PUMPKINS.

"Yours are the best seeds we get, they are all right."

SUGAR PUMPKIN.



This is the pumpkin for the traditional Yankee pumpkin pie. All others (the Gibson excepted) are coarse and barbarous when compared with this, and to bring them, when prepared in any way, to the table is to rob the stock and wrong the family. Not so with this gem of the pumpkin tribe. For it is also excellent as a good table delicacy, either simply boiled or when entering into the composition of the traditional pumpkin pie. If fed to the cows it both increases and greatly enriches the quality of the milk, besides imparting to it a rich yellow. About as fine grained as the average squash. It grows to average five pounds, and yields enormously, the ground covered with the golden fruit being a sight not soon forgotten when once seen. There is quite a call for the Sugar Pumpkin in our city markets, where they bring from half to two-thirds as much as the best of squashes. Price, per pound, postpaid, 63 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

MAMMOTH RED ETAMPES PUMPKIN.

This Mammoth, which has been raised to weigh over one hundred and fifty pounds, has a brilliant, showy, red skin. The flesh is very thick, and in quality is about equal to any of the Mammoth class of pumpkins, whose real value is for stock feed. *Our stock is the purest raised; no strain is perfectly pure.* Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 15 cts,; per package, 5 cts.

MATTITUCK ERFURT CAULIFLOWER.

(*Novelty of 1903.*)

This is a new candidate for the favor of gardeners, sent out by Mr. Marsh, a seed grower of Washington, who for many years has been experimenting with all the known varieties of early cauliflower. He writes us: "We had sixteen of the best varieties of cauliflower growing on our trial grounds and the Mattituck made the most perfect heads, and but one of the varieties was earlier and that made but 70 per cent. of good heads. One firm to whom I sent seed on trial gave glowing report and have ordered 20 lbs. of seed. The seed is giving satisfaction everywhere. The Mattituck has come to stay. The great beauty of it is the leaves grow *curled over the heads*, so that by breaking a few and bending over the head there is no need of tying as they blanch perfectly without." We tested Mr. Marsh's new cauliflower in our experimental grounds last season; they were perfection itself. Price, per ounce, $2.00; per package, 25 cts.

For quick out-door sort try the Earliest White.

RADISHES.

For forcing try the Ne Plus Ultra and Scarlet Globe.

NE PLUS ULTRA RADISH.

Deep Scarlet Strain.

This is now accepted as a standard variety for forcing, being fit for the table in three weeks. Flesh tender and delicate; produces

but few small leaves. Price, per pound, postpaid, 68 cts.; per ¼ pound, 23 cts.; per ounce, 10 cts.; per package, 5 cts.

ICICLE.

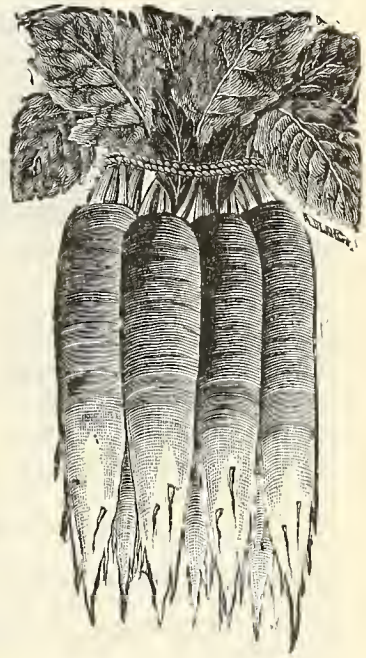
A handsome first-class early variety, in color snowy white. It grows to the average length of the long varieties, but holds its fullness well down to the tap-root. Exceedingly attractive and excellent in every way. Price, per ounce, 10 cts.; per package, 5 cts.

BECKERT'S CHARTIER RADISH.

This radish has rapidly grown into high favor for spring and summer use. It is very handsome, about one-third of its length being of a rose color. We find them in our experimental grounds to be as early as Covent Garden. It is very popular among market gardeners. Price, per pound, postpaid, 68 cts.; per ¼ pound, 23 cts.; per ounce, 10 cts.; per package 5 cts.

TRIUMPH.

An early, round radish, white with horizontal stripes of bright scarlet. It is strikingly handsome and attractive, making it valuable as a novelty. The strain is not quite perfectly established, but a large per centage come true. Short leaved, and of very thick growth. Price, per ¼ pound, postpaid, 30 cts.; per ounce, 10 cts.; per package, 5 cts.



Beckert's Chartier.

CRIMSON GIANT FORCING.

This novelty is quite a new type amongst all sorts of Radishes at present in the market, as the knolls or roots of the same, fully developed, resemble in size a summer radish without becoming hollow or fuzzy. The "Crimson Giants" gain a circumference of 5 to 6 inches and a weight of about 1½ to 2 ounces without losing in delicacy and tenderness. When sowing it is therefore necessary to allow plenty of space for their proper development.

This novelty combines the advantages of a good hot-house radish with that of a summer radish and there is certainly a great future in store for it. The color, as already mentioned, is crimson, the shape varies a little, the roots are either quite round or sometimes a little oval. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

SQUASHES.

The New Golden Bronze Squash.

"A cross, some four years ago, of the Bay State and Boston Marrow. In form the same as the last named, with stem and blossom end precisely like that variety, also having that peculiar wrinkled appearance of the skin, like the Boston Marrow. Size, averaging from eight to ten pounds; color, a dark, grayish green with bronze on upper surface when ripe; flesh an exceedingly bright golden yellow; fine grained, very sweet, and of good flavor. Early in maturing, a good keeper and yielder. Squashes of very uniform size and appearance. It combines the quality desired for the table and pies. Specimens grown in 1897 were kept until June, 1898."

Mr. M. B. Faxon, who introduced to the public the famous "Faxon Squash," thus writes of this new variety:

I have closely watched the development, and tested this squash for two years, and I feel sure it is a most desirable new vegetable. A good cropper and splendid keeper; in fact, I may say that, both as a table squash and for pies, it will, in my opinion, at once become a great favorite.
M. B. Faxon.

Eliza G. Reynolds, Marblehead, writes: "I was at dinner at my aunt's table on Nov. 7, and partaking of some boiled squash, I said to her, 'This squash is of extra fine quality,' and she said in reply, 'This is Gregory & Son's New Golden Bronze.'" Mr. and Mrs. G. P. Craige, Antrim, N. H., write: "For good flavor, for dryness, for sweetness, for good shape, we think that your new squash [The Golden Bronze] cannot be excelled." Mrs. M. Otis, Boston, Mass., writes: "I have thoroughly tried your new squash, both as a table vegetable and for pies, and in both cases it has proved to be of the finest quality. It is a very thick-meated squash, and a most splendid keeper." Katherine Rich, Brookline, Mass., writes: "I have tested your new squash several times, and I have found it of a most superior quality." Writes Seth Sprague, Hingham: "Never saw its equal for pies or table use. It is the highest colored and sweetest we have ever seen. It cannot fail to be very popular." Writes Harry L. Thomas, Hingham: "Exceptionally fine one for table use, having a particularly nice texture and flavor." Writes William H. Thomas, Hingham: "I consider your new squash superb. The flavor is of the best. I believe it to be a great acquisition." Writes William Fearing, 2d, Hingham Centre: "The squash received of you for table use excels anything which I have ever before used. A good thing and should be pushed along."

Price, per pound, postpaid, $1.25; per 1-4 pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

Gregory's Delicious Squash.

☞By Universal Assent the Best Squash ever Introduced.☜

Our customers in last season's catalogue were given a full history of this squash of magnificent quality, the best specimens of which in sweetness, delicacy of flavor and richness are claimed by letters received from some customers to be equal to squash pie while others compare it to boiled chestnuts. The universal opinion of those who have tested it is that it is of better quality than the Hubbard was when at its best. All agree that no squash brought to the table approaches it in its remarkable combination of fineness and compactness of grain, dryness, sweetness, and exceeding richness of flavor. It grows to weigh from five to ten pounds and is in its prime mid-fall and winter. We add a few recommendations, which might be added to indefinitely.

Price, per pound, postpaid, $1.75; per 1=4 pound, 50 cts.; per ounce, 20 cts.; per package, 10 cts.

"I never ate so fine a squash."—PROF. MAYNARD, Massachusetts Agricultural College.

"Your new squash makes the best table dish of any variety of this vegetable I ever tasted."—HERBERT MYRICK, editor of *American Agriculturist*.

"We think that in fineness of grain and delicacy of flavor it surpasses the Hubbard when in its best estate."—LUTHER TUCKER & SON, editor of *Country Gentleman*.

"The Delicious Squash more than meets every claim you have made for it."—REV. W. V. JEFFRIES, Whiteside, Ill.

"The small, half grown specimens were better than most others of mature growth."—WM. H. PEARY, Wakefield, R. I.

"I thought the Faxon could not be beat, but the Delicious does it."—ALICE T. CHAPIN, Bridgewater, N. S.

"It sells for a cent more a pound than any other variety in our market."—SAML. L. GOODELL, Brattleboro, Vt.

"Your Delicious Squash is delicious,—more delicious,—most delicious. It should be called 'Gregory's Superlatively Delicious Squash.'"—SAML. D. REMICK.

"It is the driest and sweetest of any we ever tasted. I think it should be called 'Perfection.'"—MRS. M. S. BALDWIN, North Wilbraham, Mass.

"It is more than good; it is *better* than *best*."—W. V. JOHNSON, Raymond, Me.

"It is superb, as far superior to the Hubbard as that is ahead of the old Crookneck."—J. H. BOARDMAN, Lake Avenue, Rochester, N. Y.

"The old Hubbard was a most excellent squash but this surpasses it."—MRS. TINDLEY, Marblehead.

"Why, it is the best squash I ever ate: better than baked chestnuts."—MISS M. E. NICHOLS, Marblehead.

Writes MR. PORTER, the largest provision dealer in the city of Salem:—"With such a squash as this I don't see the need of squash pies."

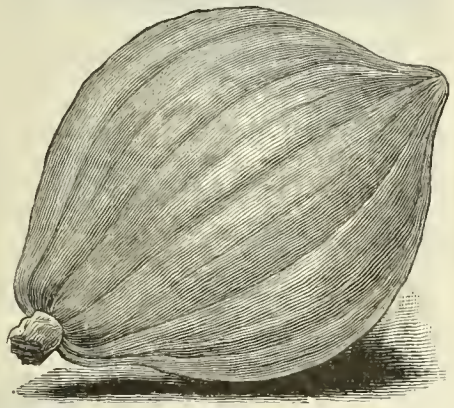
COCOANUT SQUASH.

A fine little squash for family use which succeeds where other varieties fail; very prolific, yielding from six to a dozen to the vine. The flesh is fine grained, sweet, and very solid, and the quality excellent, being remarkably hardy. With its rich green and gold coloring, it makes an ornament that would grace the centre table. Price, per ¼ pound, postpaid, 30 cts.; per ounce, 10 cts.; per pkg., 5 cts.

DUNLAP'S EARLY PROLIFIC MARROW.

Own Growing.

The standard early of the running varieties. No variety can compete with it for earliness, it being about twelve days ahead of the Boston Marrow. Very productive. Color a brilliant orange-red; a good keeper. Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.



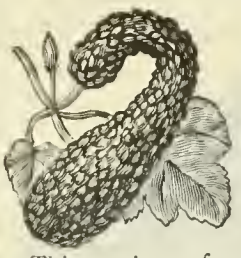
GOLDEN HUBBARD.

A very distinct sort of the shape and general character of the Hubbard, but a little smaller; earlier to mature and of rich orange-red color, instead of the dark olive-green of the old Hubbard, while the flesh is a little deeper colored. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

THE VICTOR.

This new squash which we were first to catalogue, is of a rich orange-yellow color, generally with a hard shell thickly covered with warts. The flesh is thick-meated and the quality good during its season, which is from September till December. An excellent cropper, the squashes being of the size of the Essex Hybrid. They are very heavy, handling like blocks of oak. Per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

STRICKLER SUMMER SQUASH.



This variety of summer Crookneck we find grows twice as large as the common sort, averaging from 5 to 6 pounds in weight. The two engravings show about the comparative size of the Strickler and the common Summer crookneck. Price, per pound, postpaid, 93 cts.; ¼ pound, 30 cts.; ounce, 10 cts.; package, 5 cts.

WINTER CROOKNECK.

Of all vegetables to preserve from season to season please commend us (as we kindly commend you) to the Winter Crookneck squash. It is a sure grower, with a quality of its own, not fine, but with a flavor of old time, and a first-rate keeper. It is perfectly at home in the homestead, for we have kept them *well* for two years, and so we invite our customers to join with us in reviving a custom which is truly honored in the observance, that of growing some Winter Crooknecks and hanging them up in the kitchen, as did our fathers of old. Price, per pound, postpaid, $1.08; ¼ pound, 30 cts.; ounce, 10 cts.; package, 5 cts.

BOSTON MARROW.

This is a standard fall variety of a rich orange color and very productive. It was introduced and named in 1834 by John M. Ives, of Salem, Mass. It is the standard squash for pies. Price, per pound, postpaid, 83 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

THE WARREN.

The Warren (of which we were the original introducers) has a shell generally harder and thicker than the Essex Hybrid, and the color is of a richer and deeper orange, while the quality is decidedly better. The Warren is now grown very extensively by marketmen. Price, per pound, postpaid, $1.33; per ¼ pound, 40 cts.; per ounce, 12 cts.; per package, 5 cts.

MAMMOTH WHITE BUSH SCALLOP.

This variety is about twice the size of the ordinary White Bush Scallop and much whiter and handsomer. Price, per pound, postpaid, 83 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

For discounts on Vegetables see page 1.

Wm. F. Tucker, Kenyon, R. I., writes: "Your New Golden Bronze squash was carefully tested by me the past season and I find it to be a valuable introduction. It is thick meated and a splendid keeper."

SQUASHES. — Continued.

WARTED HUBBARD SQUASH.

This form of the Hubbard is a great favorite with many market-men, as it is very striking in appearance, and having been selected for years from exceptionally large specimens, it crops heavily. The warty knobs draw general attention, and it sells in the market better than those having smooth shells. We do not think it of as good quality as the smooth-shelled sort, and the greater hardness of the shell is more apparent than real. The large size to which it has been developed has been accomplished, we think, with some sacrifice in purity, for we find that in the course of years it is necessary to cross the warted variety on the smooth Hubbard to retain the shell. Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

MARBLEHEAD.

In this squash, which we introduced, the combination of sweetness, dryness and delicious flavor is something really remarkable. Its outer color is a light blue. A great favorite where known. J. M. Merrick, Wilbraham, Mass., wrote:—"The Marblehead Squash seeds I had of you produced a large crop of very fine quality of fruit. I had 1200 pounds from 13 square rods of land." Price, per pound, postpaid, $1.08; per ¼ pound, 30 cts.; per ounce, 10 cts.; per package, 5 cts.

THE STONE TOMATO.

The Stone is excellent for main crop; it is very large, and of bright scarlet color; spherical in shape; very smooth, with occasionally a specimen very slightly octagon shaped; ripens evenly to the stem; exceedingly solid and firm fleshed of hull.

Not Subject to Rot. — Prof. J. L. Budd, of Iowa State Agricultural College, says: "It was large enough, smooth, firm fleshed, and, above all, not subject to rot. I did not see a rotten specimen, although a bad year for rot."

Price, per ¼ pound, 70 cts.; per ounce, 25 cts.; per package, 5 cts.

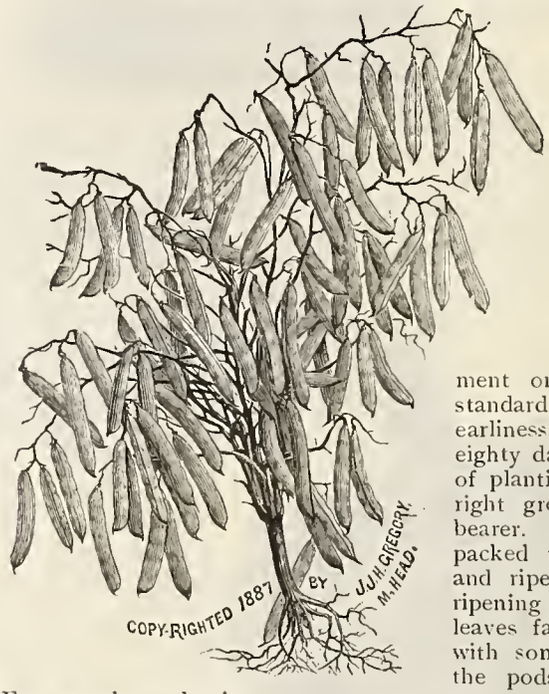
THE MARBLEHEAD EARLY MARROWFAT PEA.

An old friend with some of our customers which they will say is well worthy of being introduced to our new patrons. We will venture to say that every one of our customers who has raised this Marrowfat pea had a heavier crop from it than from any other variety they grew, it matters not how many kinds there were; and, further, that they get more pickings from it than from any other. This was our own experience. Having raised it on a large scale, we are ready to endorse the following points claimed by its originator:—

"1.— With ordinary cultivation it will outyield any variety. 2.— It will do better than any variety on thin land. 3.— It remains a long time in bearing. 4.— Its large, well-filled pods make it very valuable as a market gardener's pea. 5.— The quality is first-class; so all who have eaten it testify. *Picked early*, they are as sweet and delicious as Little Gem or American Wonder. 6.— It is an extra strong grower. 7.— It will stand drouth better than any other variety."

The well-known editor of the *Rural New Yorker* makes this statement: "Pods large, often containing eight peas. Vines immensely strong; remains in bearing a long time. Comes in after the earliest. First picking July 1; a fine kind." *Close after the earliest sorts.* Per peck, per express, $1.20. Per quart, postpaid, 40 cts.; per package, 10 cts.

SNOWFLAKE FIELD BEANS.



The Snowflake is so well liked by many among our customers of long standing that we believe our new patrons who may make trial of it will thank us for having called their attention to its merits.

This is a decided improvement on the common standard pea beans in earliness, having dry beans eighty days from the time of planting. It is an upright grower and a great bearer. The pods are packed thick, in clusters, and ripen in August, all ripening at once. The leaves falling earlier than with some varieties open the pods to the sun. Enormously productive.

Mr. S. H. Seamans of Milwaukee counted one hundred and twenty completely filled pods on a single vine.

Mr. Keeney, the leading grower of seed beans in the United States, ranks the Snowflake as the best small white bean raised in the United States.

Price, per peck, per express, $1.20; per quart, postpaid, 40 cts.; per package, 10 cts.

F. W. H. Speegle, Trimble, Ala., writes: — "Your Earliana Tomato is good as well for late as for early. On Nov. 12, 1900, we gathered ½ bu. from three vines, ripe and fine."

TOMATOES.

(See also Page 32.)

Anna Currier, Plainfield, Wis., writes: — "Your Stone Tomatoes are the best I ever raised. Although our summer was very dry they grew to an extremely large size."

LIVINGSTON'S DWARF STONE TOMATO.

Double the size of Dwarf Champion.

The largest dwarf in existence.

Another splendid new variety from Livingston. This is what he says of it: "The same sort of tomato as Dwarf Champion, but the vine is of stronger growth, and the fruit is double the size. It is equally early, is equally prolific. The shape of the fruit is perfect. It is very solid, ripens very evenly and is of excellent quality. Price, per ¼ pound, $1.25; per ounce, 40 cts.; per package, 15 cts.

LIVINGSTON'S BEAUTY.

This (now a standard) is as early as the Acme or Perfection, of a glowing crimson in color, with a slight tinge of purple. In shape perfectly spherical. It has a thick skin, and hence is not so liable as some other varieties to crack just after a rain. Has more solid flesh and fewer seeds than average kinds. Price, per ounce, 25 cts.; per package, 5 cts.

NOLTE'S EARLIEST TOMATO.

☞For heavy, mucky soil THE NOLTE'S IS MUCH THE BEST OF ALL EARLY VARIETIES, while for gravelly, strong land the Earliana gives better satisfaction.

This gave great satisfaction on our trial grounds last season. That most excellent sort for most locations, the Earliana, in some quarters fails to do its best, while Nolte's appears to adapt itself to a greater variety of conditions, being otherwise very similar to the Earliana in earliness, size, shape of fruit and vine. Though the vine is small the fruit compares well in size with the standard sorts. Quality excellent. On our grounds, which were in a high state of cultivation, we gathered 70 bushels of ripe tomatoes from 75 plants. Price, per ounce, 30 cts.; per package, 10 cts.

THE MAGNUS.

After having given the Magnus a test as a market tomato on rather a large scale, we are now ready to heartily endorse all the good things Mr. Livingston has said in its favor. Color, purple; vine, potato leaved. It is thicker, heavier and more solid than either Acme or Beauty. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with short joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. The fruits are very deep from stem to blossom end, many of them being almost globe-shaped. It ripens evenly, does not crack about the stem, and the flavor is most desirable. Excellent either for open field or greenhouse Price, per ounce, 25 cts.; per package, 5 cts.

Pliny Mosher, No. Westport, Mass., writes: "Your Magnus Tomato is unsurpassed in quality. Our customers will buy no others as long as they can get the Magnus."

ENORMOUS.

This new tomato may well be called the Enormous, for Mr. Miesse, its originator, exhibited a dish of them, any eight of which placed in a row would measure a yard. This means, of course, that the tomatoes must have averaged 4½ inches in diameter. The tomatoes average symmetrical, are solid meated, and are every way of excellent quality. A good cropper. It is doubtless the giant among the round tomatoes. The only objection to it is that a small variety now and then appears in the strain. Price, per ounce, 20 cts.; per package, 5 cts.

EARLIANA.

☞The Earliana is *the* early tomato for gravelly but the Nolte's gives better satisfaction on heavy, mucky soil☜

Last season we classified the Earliana as by all odds the best very early large round tomato that has been introduced for years. Our experience has led us to modify our estimate only so far as to state that on some soils Nolte's, which closely resembles it, has given greater satisfaction. Though very early the Earliana is also of fine market size, grows about as round as a ball, color a bright-

red, solidity and quality all that could be desired. We will add one other valuable characteristic which the introducer has overlooked and that is that though the tomatoes are of such good size the vines are exceptionally small, which will admit of their being planted a quarter nearer than standard sorts. Price, per package, 10 cts., per ounce, 30 cts.

E. S. Horton, Winterton, N. H., writes: "The Earliana Tomato from you last spring produced the finest early tomatoes that I ever knew. And they were as large, handsome and shapely as they were early."

John Marschal, Galveston, Tex., writes: "I must say that your Earliana Tomato is the best I ever raised for early use."

M. B. Huntley, Jacksonville, Me., writes: "Your late introductions in tomatoes — the Earliana and New Magnus — are simply first class. They were both ready to pick in August."

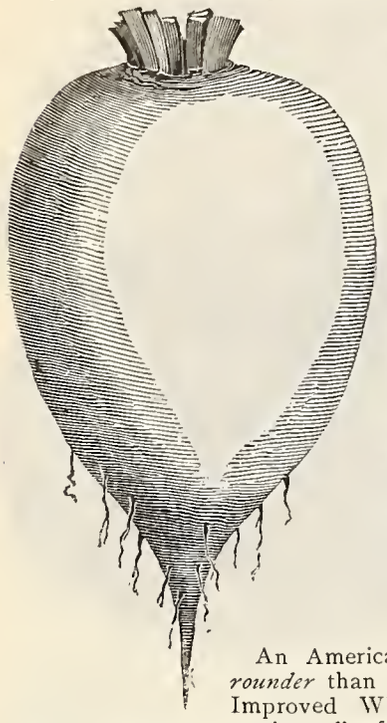
J. R. Staneeyphe, Chuckey City, Tenn., writes: "Your White Egg Turnips were very fine."

TURNIPS.

H. A. Candage, South Blue Hill, Me., writes: "Your Carter's Elephant Swede Turnip planted on rockweed on clay loam land grew the most splendid shaped of any that I ever raised."

WHITE EGG TURNIP.

By all odds the most popular of this class of turnips.



Six hundred bushels of this fine turnip have been raised to the acre as a second crop, bringing the market gardener who raised them two hundred dollars.

It is perfectly smooth, of a pure, clear white, growing half out of ground, and at times to the size of a Ruta-baga. A very choice kind for table use, of excellent flavor, sweet and mild. It pulls clean from the ground, and with its thin, snow-white skin, looks almost as attractive as would a basket of huge eggs. It is a first-rate keeper for winter use. Our stock is from headquarters. Comes to size for use just after Early Red Top. Price, per pound, postpaid, 58 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

BUDLONG.

An American white Ruta-baga, *earlier and rounder* than any other of the sweet German, Improved White French, Rock or Russian turnips, all of which names are given, in different localities, to the various strains of white Ruta-Baga. Mr. Budlong, probably the most extensive raiser of Ruta-Bagas in New England, has by years of careful selection produced this excellent strain. Price, per pound, postpaid, 58 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

IMPROVED PURPLE TOP SWEDE.

A very early, free-growing variety, with short neck and small top; flesh, deep yellow. "The handsomest Purple Top Swede in cultivation," says the English firm who introduces it. Price, per pound, postpaid, 48 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

EARLY PURPLE TOP MILAN.

This variety of turnip is sent out by the same reliable firm that sent out the Munich. Earlier than the Munich. Of the strap-leaved class, flat in shape, and of excellent quality. Price, per pound, postpaid, 68 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

Give the children a "handkerchief" garden. See page 9.

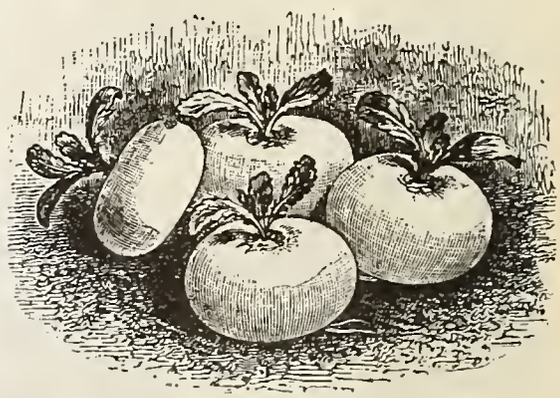
H. S. Peck, Drain, Oregon, writes: "Last year you sent me a package of Earliana Tomato. I raised a fine lot, had ripe tomatoes on the 20th of August for the first time since I lived in Oregon."

CARTER'S ELEPHANT SWEDE TURNIP.

Our English brothers leave us decidedly in the shade in the raising of turnips, especially of the Swede class, and if any improvement is made in varieties, it is usually by them. The Messrs. Carter, a standard authority in varieties, present to the public a new turnip which they have named Elephant Swede. It has been tested in England, Scotland and Ireland, and side by side with the standard varieties, including, of course, Skirving's, and has proved to be superior to all of them, in some instances giving as much as ten tons more per acre. Price, per pound, postpaid, 48 cts.; per ¼ pound, 20 cts.; per ounce, 10 cts.; per package, 5 cts.

EXTRA EARLY WHITE MILAN.

For early use the white top turnips are better than the purple. In our experimental grounds this white variety matured *earlier* than the Purple Milan, which makes it *the earliest of all turnips*. Top and tap root small. Certainly the king of the extra early turnips. The beauty of its clear white color and the fine symmetry of its shape, make this a very attractive variety. It takes in the market. Per pound, postpaid, 83 cts.; per ¼ pound, 25 cts.; per ounce, 10 cts.; per package, 5 cts.

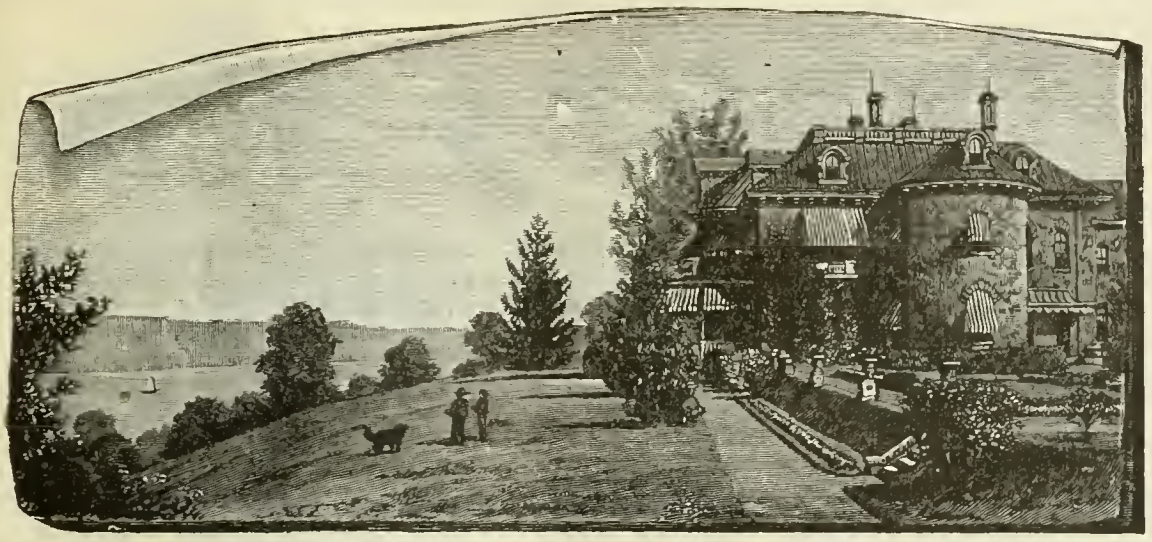


By test made in our experimental grounds, we find this new salsify to be a decided improvement on the common kind. It is a distinct sort; it makes larger roots than the standard variety, while the flavor when cooked we found to be fully as rich. The flesh is of a yellow cast. Our customers will find this an acquisition. Per ounce, 20 cts.; per package, 5 cts.

Try our Timothy,

GRAINS AND GRASSES.

Red Top, and Clover.



GREGORY'S SPECIAL LAWN GRASS.

For this we offer a mixture of twelve fine varieties of grass seeds, and would recommend it as *not surpassed by any Lawn Grass sold in this country.* It makes a fine velvety lawn. Sow in April, May, August or September. Manure the land well at the start, and the varieties are of such kind and in such proportions that it will last for several years. Price, per peck of 4 pounds, $1.00; per bushel of 16 pounds, $3.75; 3 pounds, postpaid, $1.00; 1 pound 35 cts.

All our seed warranted; see page 1.

LINCOLN OATS.

A Western firm who have had a large experience in oat raising pronounce the Lincoln oat "the best oat now before the American people. First, because of its great productiveness, four farmers having raised from 120 to 174 bushels from a single bushel of seed. Second, because it is very early. Third, because it appears to be nearly rust proof. Fourth, because it stands up better than most kinds. Fifth, because its thin hull, soft rib, and heavy meat make it an excellent feeding oat. Sixth, it makes an excellent oatmeal." We have before us recommendations from twenty-one farmers located in fourteen States. Price, per bushel, per express, $1.65; per peck, 55 cts; 3 pounds, per mail, 50 cts.; 1 pound, 20 cts.; package 10 cts.

IRISH VICTOR OATS.

This variety originated in Ireland and was introduced in America five years ago. The introducers claim that it has proven superior to all other sorts grown in the same section in vigor of growth, stiffness of straw and productiveness. It is a very large oat, plump and heavy, pure white in color, entirely free from rust and smut and a great yielder. Those who have tested it are thoroughly in love with the Irish Victor. Price, per peck, per express, 50 cts.; per bushel, $1.40; 3 pounds, per mail, 50 cts.; 1 pound, 20 cts.; per package, 10 cts.

MANSHURY BARLEY.

A six-rowed barley, with very long heads, well filled and heavy, straw bright and strong. In our experimental grounds the Manshury proved to be the earliest of the five leading varieties which were tested there. Price, per bushel, per express, $1.50; per peck, 50 cts.; per pound, postpaid, 20 cts.; per package, 10 cts.

CHAMPION BEARDLESS BARLEY.

This is an improved beardless barley similar to the Success but it is larger, has a longer straw and yields more per acre. It is perfectly pure and literally beardless, just as represented, which makes it pleasant to handle, while the straw can be fed stock without fear of injury. It is earlier than any bearded barley, better to seed with, better for feeding, and yields fully as well. Price, per peck, per express, 60 cts.; per bushel, $2.00; 3 pounds, postpaid, 50 cts.; 1 pound, 20 cts.; per package, 10 cts.

MACARONI OR DURUM WHEAT. (*New.*)

Letters from the farmers of Northern Dakota who have grown it the past season state that while all of the fife or hard wheats have been badly affected by rust and yielded from 15 bushels down to nothing per acre, the Macaroni proved to be practically immune from rust and yielded from 15 to 30 bushels. Price, per pound, by mail, 20 cts., per peck, per express, 60 cts.; per bushel, $2.00.

ALFALFA OR LUCERNE.

In this the success turns on using American-grown seed, and planting it in deep, porous soil, and keeping clean of weeds the first season. A top dressing, with fine manure, would help it through the first winter. Sow at the rate of 12 to 15 pounds per acre. Price, per pound, postpaid, 30 cts.; per package, 10 cts.

SASKATCHEWAN SPRING WHEAT.

Says Charles A. Pillsbury, of Minneapolis, Minn.: "No such milling wheat has been received at our mill since we have been in the milling business." Per bushel of 60 pounds, per express, $2.00; per peck, 60 cts.; 1 pound, postpaid, 20 cts.; per package, 10 cts.

☞TIMOTHY, RED TOP, AND RED CLOVER SEED OF EXTRA QUALITY.☜

Every farmer has learned to his sorrow in the course of his farming life that ordinary grass seed as sold at the stores comes mixed with more or less of white daisy, plantain, thistle, pig weed, smart weed, wild carrot, dock, etc., while in clover he finds buckthorn, plantain, dock in two varieties, smart weed, sorrel, wax weed, etc., and in addition more or less of sand and dirt in each. We have resolved hereafter to catalogue such a grade of seed only as shall be free of weeds of all kinds. This costs in the market a few cents more than the ordinary grade, but we have faith to believe our customers will endorse the wisdom of the step. The cheap ordinary stuff sold under the name of "choice," "prime," or "extra prime," is often the prime cause for a good deal of vexation and no small loss by seeding our mowings with foul stuff, some of the weeds being like the dock and daisy perennials, and therefore very hard to get rid of. The quality of the hay produced on such land is consequently reduced in value. Let us not forget that the extra advantage for using pure seed extends through all the three or five years of the seeding down, and distributing the entire cost through these years, we shall find that it will amount to but a few cents per acre, while the annual difference in the market value of the crops may be a serious one. In one sample of red clover examined at the Department of Agriculture at Washington, there were sufficient weed seeds to average one to every six inches in drills nine inches apart. The seed we catalogue is that cleaned by the famous Whitney-Eckstein Seed Company, and while they have several grades, we wish our customers to know that those which we catalogue *are their very best*, and *that there is no better to be bought at any price.* Prices, Timothy, per bushel of 45 pounds, $3.00; per peck of 11¼ pounds, $1.00. Red Clover, per bushel of 60 pounds, $8.75, per peck of 15 pounds, $2.50. Red Top, per bushel of 36 pounds, $4.40; per peck of 9 pounds, $1.30. For prices for lesser quantities see page 51.

We sell the Purest Grass and Clover Seed sold in the United States.

PLANTS VALUABLE FOR FODDER.

SAND, WINTER OR HAIRY VETCH. (*Vicia villosa.*)

One of the pea vine class of plants, exceedingly nutritious, surpassing even the several varieties of clover. It will do better than other fodder crops on poor soil, while on good soil it makes a rank growth of four or five feet. It is a great favorite with cattle and can be fed with safety to any stock. Perfectly hardy all over the United States, and will remain green all winter. Sow for spring use in August or September, mix it with clover, or, in spring, with oats, to help support it. It is one of the earliest of fodder crops for spring cutting, — a full crop can be cut in season to plough and plant any other crop on the same land. Wherever Scarlet Clover winter kills, by all means plant this. In the South and dry West it will make a capital hay crop by fall sowing it, for it will make its growth in the fall and spring months, before the dry weather sets in. One bushel per acre, with half bushel of Rye. Price, per bushel of 60 pounds, $8.50; per peck of 15 pounds, $2.25; 3 pounds, per mail, 75 cts.; 1 pound, 30 cts.; package, 10 cts.

MILO MAIZE.

Yields from six to sixteen stalks from one seed; much sweeter than cornstalks. It stands wind and drought that would ruin corn. It will sprout again after cutting. Grows from 6 to 10 ft. high. Four pounds of seed plant an acre. Price, per peck of 15 pounds, express, $1.25; per pound, postpaid, 20 cts.; per package, 10 cts.

KAFFIR CORN.

The stalks of this keep green and are brittle and juicy, making fodder, green or dry, which is relished by cattle, horses and mules. ☞Kaffir Corn, Doura, and Milo Maize stand dry weather better than corn, and will thrive west of the 100th meridian, where the seasons are too dry for corn.☜ Its seed heads, 8 or 10 in. long, are eagerly eaten by horses, hogs and fowls. *It cannot be relied upon to mature its seed in the latitudes of New England.* Price, per peck, of 15 pounds, by express, $1.25; per pound, postpaid, 20 cts.; per package, 10 cts.

YELLOW DOURA.

This is earlier than the Branching Doura (or Milo Maize) and is not so delicate in starting. The grain, which is abundant, is readily eaten by cows, horses, hogs and mules. It grows from 9 to 12 ft. high, bearing the grain on the large tops. Price, per peck of 15 pounds, $1.25; per pound, postpaid, 20 cts.; per package, 10 cts.

THE BEST CORN FOR THE SILO.

We have made careful tests of all the large Dent varieties suitable for the silo that are offered, and still prefer and recommend the Leaming. It is very tall and leafy, and the very large ears *will mature in New England.* In a test with several standard varieties of Dent corn made at the Ohio Experimental Station during several seasons the Leaming averaged a heavier crop than either of the other varieties. When ears count for much, then give us the Leaming before all others. Price, per bushel, of Leaming, $1.50.

COW PEAS.

The black variety. This is of great value, both in the Southern and in the Northern States as a green summer feed for sheep and as a green crop for ploughing under to enrich the soil. Sow for ploughing under at the rate of 2 bushels to the acre and with oats at the rate of 1½ bushels of each per acre. Price, per bushel, per express, $2.25; per peck, 65 cts.

PEARL MILLET OR MAND'S WONDER GRASS.

We find on trial the difference between Mand's Wonder and Pearl Millet to be too slight to make one in any costly degree preferable to the other. Will thrive in this country in any latitude that will produce corn. It is an annual with foliage resembling corn leaves. When fully grown it is from 12 to 15 ft. high with numerous heads covered with seed much relished by poultry. Each plant throws out numerous shoots, sometimes as high as 60, and if raised on rich soil and cut when 2 or 3 ft. high can be mowed from four to five times, yielding many tons of dry hay. If cut when 7 ft. high it will yield the heaviest fodder crop per acre of any plant under cultivation. It is sweeter than corn. Don't plant before ground is warm, then it can be planted May 15. On strong land it has given five cuttings, each crop heavier than a good crop of millet.

Sow 6 pounds per acre in drills 3 ft. apart or broadcast at the rate of 30 pounds per acre. Price, per pound, postpaid, 25 cts.; per ¼ pound, 10 cts.; per package, 5 cts.; per pound, per express, 17 cts.; 10 pounds and upwards, per express, 10 cts. per pound.

CANADA FIELD PEAS AND OATS FOR FODDER.

These at the rate per acre of one bushel of peas to one and one-half bushels of oats make very profitable fodder from June 25 to August 1, for cows and sheep. The peas should be lightly ploughed in when sown, and the oats broadcasted and brushed in immediately afterward. Price of the peas, per bushel, $2.25, per express.

JAPANESE BUCKWHEAT.

The kernels of this buckwheat are larger than the common kind; the straw is stouter and heavier. It branches more, and it does not need to be sown as thickly; the flour made from it is thought to be equal to that from any other buckwheat; it is a very heavy cropper, and less apt to blight than other varieties.

Price, per bushel, $1.60; per peck, per express, 50 cts.; per pound, by mail, 20 cts.; per package, 10 cts.

ORCHARD GRASS. (*Dactylis glomerata.*)

It is one of the most desirable of all pasture grasses, coming earlier in the spring, and remaining later in the autumn, than any other. It grows to a height of 2 to 2½ ft, and produces an immense quantity of foliage. It yields a large amount of hay, and sends up a thick growth very quickly after being cut. It is well adapted to sow either for grazing or for hay. Blossoms same time as Red Clover. Three bushels to the acre; 14 pounds to a bushel. Price, per pound, postpaid, 30 cts.; express, 22 cts.; per package, 10 cts.

The Best of all Hedge Plants.

The Arbor Vitæ is the hardiest and best of all shrubs for hedges. We have made arrangements with a nurseryman who makes a specialty of these to supply our customers with plants sent directly from the nursery, express or mail, prepaid, at the following exceedingly low figures: —

25 Trees, 8 to 12 inches	$ .75	100 Trees, 8 to 12 inches	$1.50
50 " " " " "	1.00	150 " " " " "	2.00

READ OUR SUGGESTIONS ON POTATO RAISING, PAGE 26.

Be sure and write your name on your order; also giving Post Office, County and State.

Goods ordered at mail prices are sent per mail, postpaid, by us.

C. S. Chapman, East Hartford, N. Y., writes: "Your Crus Galli makes the best winter feed for

PLANTS FOR FODDER, ETC.—Continued.

sheep that ever I had. After being wet four times after cutting, my sheep ate it up clean."

JAPANESE MILLET.

The Crus Galli straw chopped, crushed, moistened and sprinkled with meal is readily eaten by cattle and horses. The seed appears to equal in value corn meal for milk production and is excellent for poultry. For green fodder, sow it at the rate of 12 to 15 qts. per acre. We have raised it on our farm for both seed and fodder purposes with very satisfactory results. The leaves are larger than those of either "Hungarian" or "German" and the crop double. Either as a grain producer or as a source for abundant green fodder for hay this millet is a great acquisition to the agriculture of the country. It does not grow hard and woody like German Millet or Hungarian. When thinly seeded in drills it grows from 6 to 7 ft. in height.

F. R. Woodward, of Hill, N. H., tells us that his cows left sweet fodder corn, Pearl Millet, and common grass, and took Crus Galli in preference. He supposes it was because the stalks were so much sweeter. They increased their milk when fed on it. Mr. Wm. C. Dunham of Ridgeland Farm writes:

"My yield of Crus Galli was at the rate of 21¾ tons per acre. Sown at the same time as German Millet it gives a valuable succession of green fodder."

Per bushel, of 35 pounds, per express, $2.00; per peck, of 8¾ pounds, 60 cts.; 3 pounds, postpaid, 50 cts.; 1 pound, 20 cts.; per package, 10 cts.

SOJA OR SOYA BEANS.

We have grown about all the varieties of Soja imported directly from Japan, and from them have selected two to catalogue.

American Coffee Berry.—This variety of Soja has been sold in the West at fabulous prices. It does not even belong to the coffee family of plants; still it is a fact, as we find by actual test, that when roasted and *coarsely* ground it tastes so nearly like the Brazilian coffee the difference is scarcely perceptible. There is nothing injurious about it, it being the most nutritious of all vegetable products, and it can be raised almost anywhere where corn will mature, yielding from 20 to 30 bushels per acre. Cows are very fond of the ground beans, and the meal mixed with corn meal makes valuable food for poultry. Price, per bushel, of 58 pounds, $3.50; per peck, per express, $1.10; per quart, 30 cts.; per quart, postpaid, 45 cts.; per package, 10 cts.

Medium Early Green.—This variety grows 3 or 4 ft. high, giving a very heavy yield of vine, and is very valuable for green forage or soiling. It has ripened its seed in central Massachusetts every year for the last ten years.

It appears to have great capacity to resist disease or blight. *It is excellent to use for ensilage*, layer and layer with corn, for it greatly enriches the ensilage, contributing the rich nitrogenous element in which the corn stalks are markedly deficient. For this purpose the stalks should be cut when the beans are about full sized. Sixteen quarts of Soja and 10 quarts of Canada Field corn on one acre make good fodder for August. Price, per bushel of 58 pounds, per express, $4.00; per peck, $1.25; per quart, postpaid, 45 cts.; per package, 10 cts.

DWARF ESSEX RAPE.

Essex Rape makes the best of pasturage for cattle, calves, sheep and swine. An average acre is sufficient for ten to fifteen sheep or lambs, to bring them from lean up to good condition without the help of grain in 70 days. Rape is more nutritious than clover and better for fattening. The most profitable results are attained by waiting till the plants have nearly matured before turning in the stock, which will be about two months from the time of sowing. If turned in earlier the most economical way of feeding will be to make three divisions of the pasture, turning the stock from one to the other, thus giving the plants time to renew their growth. In the more Northern and Northwestern States it gives grazing from early June till the ground freezes, and in the South if sown in the early fall, it will supply grazing the open portion of the winter. It does best on deep, rich, moist soils, the richer the better; good corn soil in good condition will give a good crop of rape. Make the soil very fine, and sow 4 to 5 pounds of seed broadcast and harrow well in; or from 1 to 2 pounds in drills 24 to 30 in. apart. When in drills keep clean at early stages by cultivation. There is danger of bloat in cattle and sheep if turned in on crops when hungry to eat their fill. Either turn in after they have had first feed on ordinary pasture, or change from the rape after a short feed on it. Price, per pound, per express, 10 cts.; 25 pounds and upwards, 9 cts. per pound; 3 pounds, per mail, 60 cts.; one pound, 20 cts.; per package, 10 cts.

POULTRY DRESSING.

We catalogue Poultry Dressing, which is a strictly first-class article made from American-grown sage and other herbs, while the dressings generally on the market often contain foreign grown herbs, which are poorly cured. Price, per box, postpaid, 10 cts.; per express, 8 cts.; per doz., postpaid, $1.00; per doz., per express, 80 cts.

HONEST SAGE AND MUSTARD.

My wife for years had not been able to find in the market the old-fashioned sage, with its good green color and strong sage flavor. What she found was a dirty-colored article, with scarcely any strength to it, and when for this reason an increased quantity was used, it gave a bitter taste to the dressing. We have of late years found a young man who puts up sage in the good old-fashioned way, using the leaves without the coarse stems, and drying and grinding these by a more laborious process; but by it he is enabled to retain the green color, and what is more important, *the strong sage flavor.* He is also putting up ground mustard in the same honest way, giving a thoroughly pure article of full strength, whereas that in the market is generally adulterated with Indian meal or horse radish, with some coloring substance added. He puts up his mustard and sage in tin boxes. The mustard weighs four ounces and the sage two ounces per box. We can send these to such of our customers as want a *pure* article, at 12 cts. a box for the sage, and 18 cts. for the mustard, postpaid by us; or for 10 and 14 cts. respectively, when either by express or freight, and 2 cts. less per box of each either way, where a dozen of each is taken. The same trustworthy young man also puts up sage in the leaf for those who so prefer it. Price, per large package, 12 cts., postpaid.

Complete List of Vegetable Seeds with Full Prices.

One half bushel at bushel rates; half peck at peck rates; half pound at pound rates; pints at quart rates. As a rule, the earliest varieties are placed at the head of each list.

	Prices of Seeds.				
ASPARAGUS. (German, *Spargel;* French, *Asperge.*) For roots see page 51. Sow the seed in the seed-bed late in the fall or in the early spring, as soon as the ground can be worked, in drills one foot apart, covering the seed about one inch deep. Thin the plants to three inches in the row. The roots may be removed to the permanent bed when one or two years old. In preparing the ground no pains should be spared, as a well-established and carefully cultivated asparagus bed will continue in good condition for twenty-five years or more. Select deep, rich, mellow soil, using a liberal quantity of well-decomposed manure. Set the roots so that the crowns will be four inches below the surface of the ground in rows three feet apart, and one foot apart in the row. Apply a dressing of manure in autumn, working the same into the ground in the spring, taking care not to injure the roots. The bed will produce shoots fit for cutting the second or third year after transplanting. Stop cutting when peas come to market. One ounce to sixty feet of drill.	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
Early Giant Argenteuil. (New.) See page 10	92	1 00	30	12	5
Columbian Mammoth White. See page 10	60	68	23	10	5
PALMETTO. See page 10	50	58	18	10	5
Moore's Crossbred. A large strain that has taken many prizes	65	73	25	10	5
Conover's Colossal. The standard variety, and it still holds its own	40	48	15	10	5
BEANS, Dwarf, Snap or Bush. (German, *Busch-Bohne;* French, *Haricots.*) Select light, warm soil, and plant when danger from frost is past in the spring, in drills two and a half to three feet apart, dropping the beans about two inches apart in the drill, and covering one inch deep. Keep the ground clean and loose by frequent hoeing, but do not draw the earth around the plants. Avoid working among the vines when they are wet, as it will tend to make them rust. One quart to a hundred and fifty feet of drill.	peck exp.	bush. exp.	qt. exp.	qt. mail	
BOUNTIFUL GREEN BUSH. (New.) See page 10	1 30	4 50	25	40	10
GIANT STRINGLESS GREEN POD VALENTINE. (New.) See page 10. A first early variety.	2 10	7 50	35	50	10
Burpee's Stringless Pod Bush. (New.) See page 10	2 10	7 50	35	50	10
IMPROVED ROUND YELLOW SIX WEEKS. Early, good as string, green, or dry shelled	1 25	4 25	25	40	10
Early Valentine. Pods long, round and tender; standard extra early bean in Middle States	1 50	5 50	30	45	10
Early Mohawk. Very hardy, early and productive, flat podded. For shell only	1 25	4 25	25	40	10
Early Yellow Six Weeks. Very early and productive; standard sort, but soon grows stringy	1 10	3 50	25	40	10
Refugee, or a Thousand to One. A very prolific bush sort, fine for canning, round podded	1 25	4 25	25	40	10
LOW'S CHAMPION. See page 10. For table, garden, or market; round, red, large podded	1 40	5 00	25	40	10
Yellow Cranberry. Used by market gardeners as a string or snap bean. Very productive	1 25	4 25	25	40	10
WARREN. See page 10. Of exquisite table quality	1 40	5 00	25	40	10
Henderson's Bush Lima. Two weeks earlier than the pole lima. A bush strain of Sieva	1 80	6 50	35	50	10
Burpee's Bush Lima. See page 11	1 80	6 50	35	50	10
DREER'S BUSH LIMA. The earliest of the large bush varieties	1 80	6 50	35	50	10
Marblehead Early Horticultural. See page 11	1 40	5 00	25	40	10
EARLY CARMINE PODDED DWARF HORTICULTURAL. See page 11	1 50	5 50	30	45	10
Boston Favorite, or Goddard. Pods mostly rich carmine color; market sort. Second early	1 25	4 25	25	40	10
Intermediate Horticultural. Half-bush variety; prolific; superior sort for market gardeners	1 30	4 50	25	40	10
Improved Goddard. (New.) See page 11. Second early as a dwarf horticultural	1 50	5 50	30	45	10
Burlingame Medium. White field bean; early and prolific, in size between marrow and pea	1 10	3 50	25	40	10
Improved Yellow Eye. One of the best varieties for baking, remarkably vigorous and prolific	1 15	3 75	25	40	10
Navy or Pea. Small, round, white variety; very productive; standard sort for field culture	1 10	3 50	25	40	10
White Marrow. A standard sort for field cultivation, early	1 10	3 50	25	40	10
SNOWFLAKE FIELD. See page 32	1 20	4 00	25	40	10
Red Kidney. A standard red field sort; fine for baking	1 20	4 00	25	40	10
WAXEN PODDED VARIETIES.					
Round Pod Kidney Wax. (New.) An improved Wardwell's Kidney			35	50	10
Keeney's Pencil Pod Wax. (New.) See page 11			35	50	10
Dwarf Golden Wax, or York Dwarf Wax. More prolific; larger pods than the common sorts	2 00	7 00	35	50	10
IMPROVED GOLDEN WAX. Improvement on the dwarf golden wax; less liable to rust	2 00	7 00	35	50	10
Dwarf Black Wax. Superior for a snap bean. Fine strain of early dwarf wax, very prolific	1 80	6 50	35	50	10
Extra Early Refugee Wax. A Refugee with long, round, yellow wax pods, yields immensely	1 80	6 50	35	50	10
Davis Kidney Wax. See page 11. Vigorous plant, clear white long pods, stringless, good shipper.	2 00	7 00	35	50	10
Fuller's Black Wax. See page 11. Vigorous plant; pods larger and longer than Dwarf Black Wax.	2 00	7 00	35	50	10
KEENEY'S RUSTLESS GOLDEN WAX. (New.) See page 11	2 00	7 00	35	50	10
Challenge Dwarf Black Wax. One of the earliest of all the wax varieties	1 70	6 00	30	45	10
WARDWELL'S KIDNEY WAX. Extra early; gardener's favorite, pods broad, five inches long	2 25	8 00	35	50	10
Early Golden-Eyed Wax. Probably as little subject to rust as any dwarf variety	1 85		35	50	10
Crystal White Wax. Pods small, but remarkably prolific; much used for canning			35	50	10
BEANS, Pole or Running Varieties. (German, *Stangen-Bohne;* French, *Haricots à Rames.*) Set the poles three by three or four feet apart, and plant six to eight beans around each pole, thinning to four healthy plants. They require the same soil and treatment as the dwarf varieties, with the exception that they crave stronger soil and do best in a sheltered location. One quart to one hundred and fifty feet of poles.					
MARBLEHEAD EARLY POLE CRANBERRY. Earliest pole cranberry; delicious. Pkg. only					10
LONDON HORTICULTURAL, or WREN'S EGG. Pods striped; fine string or shell	1 50	5 50	30	45	10
Golden Carmine Podded Horticultural Pole. (New.) See page 10	2 00	7 00	35	50	10
Brockton. Longer podded than London Hort. and of darker and richer color; a fine cropper	1 60		30	45	10
MAMMOTH CARMINE-PODDED HORTICULTURAL POLE. (New.) See page 11	1 70	6 00	30	45	10

Items in Capitals are specially recommended.

For Price List Potatoes see Page 27.

	Prices of Seeds. peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
BEANS, Pole or running. — *Continued.*					
KENTUCKY WONDER. Long, green podded, tremendous cropper. Better for snapping	1 75	.....	35	50	10
Caseknife. A white pole bean of great richness either as green shelled or when baked	.....	.....	30	45	10
Yard Long. Pods grow two or three feet long; a decided novelty ..... package only	.....	.....	.....	.....	10
Painted Lady. Either for ornament or use ..... package only	.....	.....	.....	.....	10
Scarlet Runner. The largest of all shell beans for eating; blossoms very ornamental	.....	.....	35	50	10
LAZY WIVES. A late white pole sort; fine for succession. For shelling or baking	.....	.....	30	45	10
SIEBERT'S LIMA. The earliest of the large pole Limas; hardy and vigorous	1 75	6 25	35	50	10
King of the Garden Lima. See page 11	1 50	5 50	30	45	10
Early Lima, Sieva or Frost. Two weeks earlier than large Lima. Beans small	1 50	5 50	30	45	10
LARGE LIMA. As a shell bean, surpasses all in quality	1 50	5 50	30	45	10
Dreer's Improved Lima. Rather later but more prolific than large Lima; round in shape	1 70	6 00	30	45	10
WAXEN PODDED POLE VARIETIES.					
Kentucky Wonder Wax. (New.) See page 11	2 00	.....	35	50	10
GOLDEN CHAMPION. The earliest of the wax pole pods; a rich waxy white	1 80	6 50	35	50	10
Golden Butter Wax. Early; *very* prolific; very handsome; in fact, *very* first-class, a standard	2 00	7 00	35	50	10
EARLY GOLDEN CLUSTER WAX. See page 11. In the front rank of wax pole varieties	2 00	7 00	35	50	10

	lb. exp.	lb. mail	1-4 lb.	oz.	
BEET. (German, *Runkel-Rübe;* French, *Betterave.*) **Table Varieties.** Select a deep, rich loam and manure with well-decomposed compost. Sow in drills fourteen to sixteen inches apart and cover one inch deep. When the young plants appear, thin to four or five inches apart. For early use, sow as soon as ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, about the 20th of June, according to variety, the LONG varieties requiring more time to mature than the ROUND EARLY kinds. When sown late increase the quantity of seed. To preserve during winter cover with earth to keep from wilting. When cooking boil new beets one hour, and old ones two hours or more.					
Dirigo. (New.) See page 12	50	58	18	10	5
Egyptian. Earlier than Bassano. Tops remarkably small	45	53	15	10	5
CROSBY'S EARLY EGYPTIAN. See page 12	50	58	18	10	5
ECLIPSE. See page 12. About as early as Egyptian. A first-class standard early market variety	40	48	15	10	5
Crimson Globe. (New.) See page 12	40	48	15	10	5
LENTZ'S HYBRID. Early; quality tender and sweet, top short, flesh attractively ringed	40	48	15	10	5
FAUST'S NEW CRIMSON OR MITCHELL'S PERFECTED. See page 12	40	48	15	10	5
DETROIT DARK RED. See page 12	50	58	18	10	5
Early Bassano. One of the earliest; fine in quality; of various colors	40	48	15	10	5
Bastian Early Blood Turnip. As early as the Bassano, but of much darker color; small top	40	48	15	10	5
Early Blood Turnip. A standard sort; good for summer or winter	40	48	15	10	5
Arlington Favorite. A Boston favorite; early, small topped, dark red, cooks tender and sweet	40	48	15	10	5
EDMANDS'. See page 12	50	58	18	10	5
Dewing's Early Blood Turnip. Very symmetrical, free from fibrous roots. A popular beet	40	48	15	10	5
Yellow Turnip. An early sort of a beautiful golden yellow color, the best for quality	40	48	15	10	5
Long Smooth Dark Blood. Excellent for winter use; smooth skinned; flesh dark red	40	48	15	10	5
MANGOLD WURTZEL. The Mangold Wurtzels are grown for stock. They should be sown in drills about two feet apart, and thinned to twelve or fifteen inches in the row. (See our work on Mangold Wurtzels, etc.) One ounce to fifty feet of drill. Five pounds per acre. Globe Mangolds succeed better than the long sorts on sandy soil. Do not begin to feed them until mid-winter.					
GATE POST. Orange-colored skin, no sprangling roots, small top, heavy cropper	30	38	15	10	5
Norbiton Giant. A standard Red; very extensively grown. Tops sometimes hollow	25	33	15	10	5
CARTER'S ORANGE GLOBE. The best variety of Yellow Globe	30	38	15	10	5
GIANT YELLOW INTERMEDIATE. See page 12	25	33	15	10	5
Golden Tankard. Tankard shaped; flesh deep yellow, with colored rings; good cropper	25	33	15	10	5
PRINCE OF DENMARK SUGAR BEET. (New.) See pages 2–6	80	88	30	10	5
IMPROVED AMERICAN SUGAR OR LANE'S. A long white variety; for stock	25	33	15	10	5
Vilmorin's Improved French White Sugar. A variety cultivated for making sugar	30	38	15	10	5
White Silesian Sugar. Raised in France for sugar, also excellent for feeding stock	25	33	15	10	5
Red Giant Ovoid. Very large, oval shape; pulls up very freely from dirt	30	38	15	10	5
Red Globe. Globe shaped, as named. The globe varieties are popular in Europe	25	33	15	10	5
Yellow Globe. Globe shaped also	25	33	15	10	5
BERBERRY. (French, *Epine-Vinette.*) One of the best shrubs for hedges. Perfectly hardy. Never winter kills, and grows on any soil; makes a thick, close, impenetrable hedge that will turn cattle, and promises to become the hedge plant of North America. The berries make excellent preserves. As the seeds of the berberry do best when planted in the berry, we will receive orders and file them to be filled in the fall, as soon as the fruit is matured and dried.	52	60	18	10	....
BRUSSELS SPROUTS. (German, *Sprossen Kohl;* French, *Chou de Bruxelles.*) A class of plants allied to the Cabbage family, producing great numbers of small heads or sprouts on the main stem of the plant, which are used in the manner of cabbages. Plant in rich soil, in hills two feet apart each way, and thin to one plant to the hill.					
LONG ISLAND IMPROVED. Of dwarf habit; very prolific; heads first-class			70	25	10
Dalkeith. More dwarf and compact than the old sorts and produces larger sprouts			50	15	5
Dwarf Improved. The standard variety			45	15	5

Items in Capitals are specially recommended.

☞If your seeds should fail to reach you, when writing please repeat your first order.☜

	Prices of Seeds.				
	lb. exp.	lb mail	1-4 lb.	oz.	pkg.
BROCCOLI. (German, *Spargel Kohl;* French, *Brocoli.*)					
The Broccoli are closely allied to the Cauliflower family, so nearly so that the Walcheren variety is sometimes classed with Cauliflower. They require similar cultivation and treatment to Cauliflower.					
Large White Early French. A standard French variety	.....	.....	1 80	60	10
Walcheren White. One of the very best	.....	.....	80	25	10
CABBAGE. (German, *Kopfkohl;* French, *Chou.*)					
Many of the principal varieties of Cabbage are of our own growing.					
Cabbage will thrive on any good corn land, though the stronger the soil the better they will develop. New land is preferable. Plough deep and manure very liberally. The early sorts bear planting from eighteen inches to two feet apart in the rows, with the rows from two to two and a half feet apart; the large varieties to be from two to three feet apart in the rows, with the rows from two and a half to three feet apart. The crops should receive as many as three hoeings and three cultivatings. Cabbage will not usually follow cabbage or turnips successfully in field culture, unless three or four years have intervened between the crops. For late fall marketing, plant drumhead sorts from June 10 to 20. For minute information, see our treatise on "Cabbage." One ounce to about two thousand plants.					
EARLIEST VARIETIES.					
Earliest. (New.) An improved extra early strain of the Early Jersey Wakefield	2 50	2 58	75	25	5
CHARLESTON WAKEFIELD. This strain grows larger than the early Jersey	2 50	2 58	75	25	5
Express. Vilmorin of Paris places this at the head of the early sorts; larger than Wakefield	1 50	1 58	50	15	5
EARLY JERSEY WAKEFIELD. See page 13. Standard early; quality richer than the drumheads.	2 25	2 33	65	20	5
VOLGA. (New.) See pages 2-6	4 50	4 58	1 40	45	15
Henderson's Early Summer. An early drumhead cabbage much larger than Wakefield	1 75	1 83	55	20	5
ALL-SEASONS. See page 13. Now the standard early large drumhead variety	2 25	2 33	65	20	5
DANISH SUMMER. (New.) Hard heading, second early, heads medium and very hard	2 00	2 08	60	20	5
Little Pixie. A small, tender cabbage, pointed heads. Earlier than Early York; heads hard	1 50	1 58	50	15	5
Early York. One of the earliest; an old standard sort	1 25	1 33	40	12	5
EARLY SPRING. (New.) Comes midway between Wakefield and Early Summer. Heads hard, thick, flattish	2 42	2 50	75	25	5
GLORY OF ENKHUISEN. (New.) See page 13	3 25	3 33	1 00	30	10
SECOND EARLY.					
TWISS' EARLY DRUMHEAD. (New.) See page 13	2 50	2 58	75	25	5
ERFURT ROUND SUGAR. (New.) Remarkably reliable for heading. Early, heads round and stand right out	2 00	2 08	60	20	5
EARLY WINNINGSTADT. Heads large, cone-shaped, solid; one of the best for all soils	2 00	2 08	60	20	5
Filderkraut. The heads are conical in shape, large size. Can be used as medium early	1 50	1 58	50	15	5
"Newark" Early Flat Dutch. Best strain of Second Early in New York market. Heads solid	1 75	1 83	55	20	5
Fottler's Early Brunswick. Earliest of the large-heading drumheads. Headquarters stock	1 75	1 83	55	20	5
Succession. See page 14	2 00	2 08	60	20	5
WARREN. See page 14. This grows to good size for selling by the barrel	2 50	2 58	75	25	5
EARLY DEEP HEAD. See page 13	1 75	1 83	55	20	5
All Head. Allied to our Early Deep Head. Early, good-sized, hard heading, heads finely	1 75	1 83	55	20	5
LATE KINDS.					
THE HOUSER. (New.) See page 13	2 50	2 58	75	25	5
SOLID EMPEROR. (New.) See page 14. Grown from selected heads	2 75	2 83	80	30	5
The Hollander. (New.) See page 12	2 50	2 58	75	25	5
Danish Winter Ball Head. See page 13	2 50	2 58	75	25	5
Busowka Late Round. (New) Round and hard as a cannon ball; heads of good size	2 50	2 58	75	25	5
GREGORY'S HARD HEADING. See page 14	2 00	2 08	60	20	5
Marblehead Mammoth Drumhead. *Largest cabbage in the world.* See p. 14. Directions on label	2 40	2 48	70	25	5
Stone-Mason Drumhead. An old sort now surpassed by Deep Head and Warren	2 00	2 08	60	20	5
PREMIUM FLAT DUTCH. Excellent for winter; extensively grown everywhere; a standard	1 50	1 58	50	15	5
RED VARIETIES.					
Earliest Blood-Red Erfurt. The earliest of all the red varieties, short-stumped, hard heading	1 92	2 00	60	20	5
RED DUTCH. The old variety for pickling	1 92	2 00	60	20	5
Red Drumhead. Larger than Red Dutch, more profitable; heads round; reliable for heading	1 92	2 00	60	20	5
MAMMOTH ROCK RED. See page 12	1 92	2 00	60	20	5
SAVOY.					
Early Ulm Savoy. One of the earliest; unsurpassed in quality; capital for family use	2 00	2 08	60	20	5
IMPROVED AMERICAN SAVOY. See p. 14. Small, very reliable for heading; sweet and tender.	2 25	2 33	65	20	5
Drumhead Savoy. We have a fine strain of this large drumhead	1 90	1 98	60	20	5

☞***Items in Capitals are specially recommended.***

☞ Our prices "per express" apply also to goods to be forwarded per railroad. ☜

	Prices of Seeds.				
	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
CARROT. (German, *Moehre;* French, *Carotte.*) Carrots thrive best in a sandy loam free from stones. The ground should be well manured with fine, well rotted or composted manure, eight cords to the acre, and be thoroughly worked quite deep, by two ploughings made at right angles with each other. Also cultivate and drag, if there are any lumps, and then rake level, burying all remaining lumps and stones. Plant in rows fourteen inches apart and thin plants three to four inches in the rows. Plant from the middle of April to the middle of May, to insure crop. As the dry spells, which sometimes prevail in June, are apt either to prevent the germination of the seed, or to burn the plants as soon as they appear above ground, it is therefore advisable to increase the quantity of seed which, under the circumstances, will give the crop a better chance. Keep very clean of weeds. One ounce will sow 150 feet of drill. (See our work on "Mangolds and Carrots.")					
Early Very Short Scarlet. Earliest and smallest of all varieties; special value for forcing	75	83	30	10	5
Early Scarlet Horn. Early short variety for forcing; excellent for table; color deep orange	72	80	25	10	5
Long Red Coreless. (New.) See page 15. Early, excellent for table and market	72	80	25	10	5
SHORT HORN. The standard early variety; sweeter than Long Orange. Good to color butter	70	78	25	10	5
CHANTENAY. See page 15. The market gardeners find that this is just what they want	80	88	30	10	5
GUERANDE. See page 15. Enormous cropper; can be pulled by hand	80	88	30	10	5
DANVERS. See page 15. Extra selected gardener's strain. Very fine	1 10	1 18	35	12	5
Danvers. A good average strain	72	80	25	10	5
Improved Long Orange. See page 15	65	73	25	10	5
Improved Short White. See page 15. Enormously productive; being half long it is easily harvested	45	53	18	10	5
LARGE WHITE BELGIAN. Productive; good for horses; can be pulled by hand	45	53	18	10	5
Yellow Belgian. Grown partly out of ground; capital for late keeping of stock	45	53	18	10	5
CAULIFLOWER. (German, *Blumenkohl;* French, *Choufleur.*) Pursue the same course as with Cabbage, manuring rather heavier and hoeing oftener. *Plant the late varieties early as they require the whole season to mature in.* Cauliflowers covet the cool, moist weather of the fall months to perfect themselves. One ounce for 2,000 plants. (See treatise on Cabbage and Cauliflower.)					
MATTITUCK. (New.) See page 29			7 00	2 00	25
Early Padilla. (New.) Earlier than the Snowball and makes as many good heads			6 00	2 00	25
Extra Early Dwarf Erfurt. Specially selected. Very early, hardy, dwarf and compact			6 00	2 00	25
Early Paris. An early variety. A standard around Paris			1 80	60	10
Italian Early Giant. Fine, large, white-headed and early			1 75	60	10
GREGORY'S EARLY SNOWBALL. See p. 14. Very dwarf, very early and reliable. 1-4 oz., 75 cts.			8 00	2 40	25
Early London Market. The best strain of this standard English sort			1 50	50	5
THORBURN'S GILT EDGE. See page 14			7 25	2 20	25
Long Island Beauty. See page 14			5 90	2 00	20
Carter's Defiance. This sort is fine for forcing or very early use			5 90	2 00	20
Lenormand's Short-Stemmed Mammoth. Dwarf, large and fine; reliable; plant early			1 90	60	10
Autumnal Late Giant. Very large headed and productive; late; plant early			1 90	60	10
LATE ALGERIAN. Large, late sort; popular with the New York gardeners; plant early			2 00	60	10
CELERY. (German, *Sellerie:* French, *Céleri.*) This vegetable can be grown as easily as beans. Plant seed in hot-bed or very early in open ground. Transplant four inches apart, when three inches high, in rich soil finely pulverized; water and protect until well rooted, then transplant into rows five or six feet apart, either on surface or in well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from eight to twelve inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the centre shoots. For winter use in the family, celery needs to be hilled up only eight inches. One ounce of seed gives about 4,000 plants.					
New Rose Ribbed or Golden Rose. (New.) See page 15	1 50	1 58	50	15	5
PARIS GOLDEN YELLOW LARGE SOLID. See page 16. Headquarters' stock	4 50	4 58	1 40	45	10
Boston Market. This is the short, bushy, compact, solid Boston variety	1 50	1 58	50	15	5
BOSTON MARKET, ARLINGTON STRAIN. (New.) See page 15	4 50	4 58	1 40	45	10
EVANS' TRIUMPH. (New.) See page 15	1 92	2 00	60	20	5
Dwarf Golden Heart. Half dwarf, silvery white, with golden heart; solid	1 40	1 48	40	15	5
Crawford's Half Dwarf. Of rich nutty flavor, vigorous grower, ornamental for table	1 40	1 48	40	15	5
White Plume. Merely drawing up and pressing earth with hand will blanch White Plume	1 75	1 83	55	20	5
GIANT PASCAL. See page 16. Stock from the originator	1 90	1 98	60	20	5
Perle le Grand. Medium dwarf in habit, good for early use and keeps well for winter	2 00	2 08	60	20	5
WINTER QUEEN. (New.) See page 15	2 00	2 08	60	20	5
Kalamazoo. Cream white, large size, ribs broad, grows quick, of fine flavor	1 25	1 33	40	15	5
Solid Ivory. The perfection of a dwarf celery; compact in habit; crispy and of fine flavor				25	5
Perfection Heartwell. Medium green; tall, vigorous grower, makes a large tender heart	1 40	1 48	40	15	5
New Rose Dwarf. Has the good-keeping qualities of the red sorts, and is of a fine pink color	1 00	1 08	30	12	5
London Red. Dwarf, solid and crisp; a first-class variety	1 00	1 08	30	12	5
Turnip Rooted. (Celeriac.) The old standard sort. Celeriac is used for flavoring soups	1 00	1 08	30	12	5
Large Smooth Paris Turnip Rooted. This grows better and smoother than any other Celeriac	1 40	1 48	40	15	5
Old Celery. For flavoring pickles, etc	30	38	12	5	
CHICORY. (German, *Cichoren Würzel;* French, *Chicorée.*) Pursue the same manner of cultivation as for carrot. If to be used as a salad, blanch the leaves by covering, so as to exclude the light. If raised for its root, dig at about the same time as carrots, wash the roots, and then slice them either way, and dry thoroughly by artificial heat.					
Large Coffee Rooted. Used as a substitute for coffee	55	63	20	10	5
COLLARDS or COLEWORTS	90	98	30	10	5
A class of plants closely allied to the cabbage family, used as greens in the sandy sections of the South. Transplant when four inches high into rows three to four feet apart, according to the richness of the soil, and one and one-half feet apart in the row. Thin during the summer to three feet apart in the row.					

☞ ***Items in Capitals are specially recommended.*** ☜

☞Be sure you write your name on your order, giving Post Office, County and State.☜

	Prices of Seeds. peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
CORN. (German, *Maiz ;* French, *Maïs.*)					
Do not plant before the ground has become warm — nothing is gained by it. Drill cultivation is more profitable than hill cultivation. The smaller varieties may be planted with the drills two and a half feet apart, and the stalks thinned to ten inches apart; the larger sorts should bave the drills three to four feet apart, and the stalks a foot apart in the rows, and the largest Dent varieties eighteen inches apart. Use some rich mannre in the drills. Frequently stir the earth around the roots by hoe or cultivator, but do not draw it up about the stalks. For a succession of corn for family use to be planted at the same time, we would recommend Cory, Lackey's, Quincy Market, Crosby's, Potter's Excelsior, Stowell's and Egyptian Sweet. One quart for two hundred hills. Plant Cory by July 10th, and if the season is an average one you will have green corn early in November.					
SWEET VARIETIES FOR FAMILY USE AND MARKETING IN GREEN STATE. (German, *Zucker Mais ;* French, *Maïs Sucré*)					
Premo. (New.) One of the earliest ; hardy and popular	1 30	4 50	25	37	10
MAMMOTH WHITE CORY. See page 16	1 25	4 25	25	37	10
CORY. The acknowledged standard early market sort, our introduction. Our stock is fine	1 20	4 00	25	37	10
White Cory. See page 17. Preferred by many on account of its color	1 25	4 25	25	37	10
EARLY ESSEX. (New.) See page 17	1 20	4 00	25	37	10
LACKEY'S EARLY SWEET. Just after Cory and greatly surpasses it in sweetness	1 25	4 25	25	37	10
ORIGINAL CROSBY. Early short stocked, twelve to sixteen rowed, and of a rich flavor	1 35	4 75	30	42	10
Crosby's New Early Sweet. First-rate every way, either for market or family use	1 20	4 00	25	37	10
GREGORY'S EARLY MAMMOTH. See pages 2–6	1 25	4 25	25	37	10
Moore's Early Concord Sweet. Twelve to sixteen rows, standard second early, ears large	1 15	3 75	25	37	10
QUINCY MARKET. (New.) See page 17. This comes in before Crosby's Early	1 25	4 25	25	37	10
GOLDEN SWEET. (New.) See pages 2–6. Extra early, extra sweet and delicious	1 60	.....	40	52	10
Stabler's Early. Second early, twelve rowed, large eared; very sweet	1 05	3 25	25	37	10
Washington or Bear's Foot. (New.) See pages 2–6	1 25	4 25	25	37	10
POTTER'S EXCELSIOR or SQUANTUM. See page 16	1 20	4 00	25	37	10
MEXICAN SWEET. In sweetness and tenderness excels all varieties we know	1 20	4 00	25	37	10
COUNTRY GENTLEMAN. (New) See page 16	1 20	4 00	25	37	10
Champion. Large eared ; twelve rowed ; comes along with Moore's Early. Pure white kernel	1 20	4 00	25	37	10
Marblehead Mammoth Sweet. See page 17. The largest sweet variety grown. A fine strain	1 20	4 00	25	37	10
Livingston's Evergreen. A fortnight earlier than Stowell's ; ears ten and twelve rowed	1 20	4 00	25	37	10
STOWELL'S EVERGREEN SWEET. Green till cold weather; ears large; a standard late	1 15	3 75	25	37	10
EGYPTIAN SWEET. Large latest white sort ; very tender and sweet	1 20	4 00	25	37	10
SWEET FODDER. Not as usual mere trash but good corn to vegetate	1 00	3 00	20	32	10
Varieties for Field Cultivation and Popping. (German, *Welschorn ;* French, *Maïs.*)					
Adams' Early. A favorite in the south. The earliest of all the Dent sorts	75	2 50	25	40	10
NELSON'S YELLOW FIELD. (New.) See page 17	75	2 50	25	40	10
Improved Early Yellow Canada. First-rate where the seasons are short	75	2 50	25	40	10
Sibley's Pride of the North. Dent variety. Can be ripened as far north as southern Maine	55	1 75	20	35	10
Butler Dent. An extra early Dent ; one of the best for northern climates	55	1 75	20	35	10
LONGFELLOW'S FIELD. See page 16. We again offer a fine stock; from headquarters	65	2 25	25	40	10
LEAMING. See page 36	50	1 50	22	37	10
Sanford. A white flint, planted extensively for fodder, the stalks extra large and numerous	55	1 75	20	35	10
Blunt's Prolific Field. A prolific white flint variety, too late for N. E.; fine for ensilage	50	1 50	22	37	10
Egyptian Pop or White Rice. Tenderer when popped than the common variety	75	.....	25	40	10
Yellow Rice Pop. (New.) Mass. grown ; will ripen, if any variety will, further north	.....	.....	30	45	10
Bronze Pop. See page 17	.....	.....	35	50	10
CRESS. (German, *Kresse ;* French, *Cresson.*)	lb. exp.	lb. mail	1-4 lb.	oz.	
Plant on rich soil, finely pulverized, in drills six or eight inches apart. That grown in the cool of the season is of the best quality. To be used as salad before the flowers appear.					
Improved Large Leaved Water. (New.) Larger leaves, better quality and more productive than the old varieties.....package only	.....	.....	.....	.....	15
Upland. Has all the characteristics of water cress and can be grown easily in any garden	.....	.....	.....	40	10
Curled	35	43	15	10	5
Cucumber. (German, *Gurke ;* French, *Concombre.*)					
The vines require a warm location. Plant after the ground has become warm, in hills three feet apart for the smaller varieties, and four feet for the larger. Manure with ashes, guano, or some well-rotted compost, working the manure just under the surface. Sprinkle vines with plaster or Persian Insect Powder to protect from bugs. The frame cucumbers can be successfully grown in the open air in this country, by giving them well-sheltered location, plenty of manure, and having hills six by six. One ounce for fifty hills.					
VICKERY'S FORCING. See pages 2–6	6 00	6 08	1 75	60	20
Fordhook Famous. See page 18	1 50	1 58	50	15	5
Cumberland. (New.) See page 18	1 25	1 33	40	15	5
COY'S CYCLONE. (New.) See page 18	1 25	1 33	40	15	5
Early Russian. One of the very earliest of all varieties; grows about four inches long	1 00	1 08	30	10	5
Early Frame. Early, short, prolific	1 00	1 08	30	10	5
Early Cluster. Bears mostly in clusters; early and productive	1 00	1 08	30	10	5
PEERLESS WHITE SPINE. Larger than Improved White Spine; excellent for forcing	1 00	1 08	30	10	5
Extra Selected White Spine. (New.) See page 17. Fine for forcing	1 50	1 58	50	15	5
IMPROVED WHITE SPINE or ARLINGTON. Great bearer; standard for outdoors	1 00	1 08	30	10	5
Bennett's White Spine. See page 18. Fine strain ; retains well its green color	1 00	1 08	30	10	5

☞***Items in Capitals are specially recommended.***☜

☞Carefully read instructions on our Order Sheet.☜

	Prices of Seeds.				
CUCUMBERS. — *Continued.*	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
The Emerald. (New.) An improved White Spine, being spineless and green in color even when ripe	1 00	1 08	30	10	5
Green Prolific. Prolific pickling variety. Selected by one of the largest growers in the country	90	98	30	10	5
THORBURN'S EVERBEARING. Of small size, very early; flowers and fruits until frost	1 10	1 18	35	12	5
Livingston's Evergreen. See page 18. From the originator	1 00	1 08	30	10	5
Nichols' Medium Green. See page 17	90	98	30	10	5
Short Green. The old standard short variety	90	98	30	10	5
LONG GREEN. The old standard long variety	1 00	1 08	30	10	5
Bismarck. A cross between the Long Green and White Spine. Large, straight, tender, crisp	90	98	30	10	5
TAILBY'S. Longer and darker green than White Spine; very prolific, handsome	90	98	30	10	5
Giant Pera. Clear, smooth skin, with but few seeds; have been grown twenty-six inches long	1 00	1 08	30	10	5
Improved Long Green Prickly. Long variety, growing twelve to fourteen inches; a hard brittle pickle	1 00	1 08	30	10	5
Parisian Pickling. Hard, crisp and tender, densely covered with fine spines, shy cropper	1 25	1 33	40	15	5
BOSTON PICKLING. A medium long variety; the standard for pickling in Boston market	1 00	1 08	30	10	5
Chicago Pickling. A favorite in Chicago; prolific but not quite as early as Boston Pickling	1 00	1 08	30	10	5
Norbiton Giant. English prize frame variety; sometimes growing to thirty inches; package only					25
Giant German. See page 18. The handsomest frame variety we ever saw				40	15
Lemon. (New.) See page 17.....package only					10
SNAKE. They grow six feet in length, coiled up like a snake. A decided novelty				25	10
Eight Varieties Mixed.....package only					5
DANDELION. (German, *Bardeplum;* French, *Dent de Lion.*)					
This vegetable has become very popular as an early, healthful green, and the roots also are used, when dried, as a substitute for coffee. Its use in either of these forms is particularly recommended to those who are inclined to any disease of the liver. Sow in May in drills one foot apart, covering the seed a quarter inch deep. A rich soil is preferable but this plant will thrive anywhere.					
ARLINGTON. (Own growing.) Leaves finer than Imp. Thick Leaved, very popular in Boston	3 00	3 08	90	30	5
Improved French Thick Leaved. Own growing; saved from open blossoms. Five pounds, per express, $12.50. Seven hundred bushels have been grown on three-fourths of an acre	3 00	3 08	90	30	5
Improved Broad Leaved. An extra early strain highly recommended to market gardeners			1 25	40	10
Common	2 00	2 08	60	20	5
EGG PLANT. (German, *Eierpflanze;* French, *Aubergine.*)					
Plant the seed in March in a hot bed; or for family use, in flower-pots in a warm window. Transplant in open ground after weather has become warm and settled, in rows two feet apart each way. They require a rich soil and as favorable a location for warmth as the garden will afford. One ounce to fifteen hundred plants.					
White Pearl. (New.) Creamy white, grows large; prolific, of superior eating quality			70	20	5
Very Early Dwarf. A French variety of Long Purple; extra early				30	5
Black Pekin. A variety of Round Purple. Blackish violet leaves; fruit very large	2 75	2 83	80	30	5
LONG PURPLE. Earlier and more productive, but smaller than Round Purple	2 00	2 08	60	20	5
New York Improved Long Purple. Surpassing all in size of fruit. Standard market sort	3 00	3 08	90	30	5
FERRY'S IMPROVED LARGE PURPLE. (New.) See page 28	3 00	3 08	90	30	5
ENDIVE. (German, *Endivie;* French, *Chicoree.*)					
For early use sow as soon as the ground can be worked in the spring, in drills fifteen inches apart, and thin plants to six or eight inches in a row. Any common garden soil will do; but a rather moist situation is preferable. To blanch the leaves, gather them carefully together when perfectly dry, and tie with matting or any soft fibrous material. Another method is to invert flower-pots over the plants. The leaves are very highly esteemed for use as salads. One ounce for three thousand plants.					
London Green Curled. A standard sort	1 00	1 08	30	12	5
Fine Curled Mossy. Very ornamental. A little more curled than the London	1 00	1 08	30	12	5
Broad Leaved Batavian. A large summer variety	1 00	1 08	30	12	5
GARLICS	25	33	15	10	
Plant the bulbs on exceedingly rich soil, in rows or in ridges fourteen inches apart, and six inches apart in the rows. They are cultivated for their flavor (which is similar to the onion, but more powerful), and are used in soups, etc.					
KALE or BORECOLE. (German, *Krauskohl;* French, *Chou vert frisé.*)					
Plant the larger sorts in hills two by three feet apart, and thin to one plant to the hill. Select deep rich soil, and cultivate as cabbage. Some of the varieties are very ornamental, and scattered singly are attractive in the flower garden, being finely curled and variegated with green, yellowish-white, bright red and purple leaves. The tender leaves are used as cabbage. One ounce for about two thousand plants.					
Large Leaved Jersey. Large curled, light green leaves, with white ribs	90	98	30	10	5
Carter's Thousand Head. Remarkable for the great amount of green feed per acre, hardy	90	98	30	10	5
Siberian or German Greens. Sow in the fall for use in the spring	67	75	20	10	5
GREEN CURLED TALL SCOTCH. One of the best varieties for the market	75	83	25	10	5
DWARF GREEN CURLED. Very hardy; a standard market sort	75	83	25	10	5
KOHL RABI or TURNIP CABBAGE. (German, *Kohl Rabi;* French, *Chou Rave.*)					
Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to twelve inches in the row. To preserve over winter treat as turnips. When young their flesh is tender and resembles a fine Rutabaga, with less of the turnip flavor. When fully matured, they are excellent for stock. One ounce for three thousand plants.					
Early White Vienna. A standard early kind	1 60	1 68	55	20	5

☞***Items in Capitals are specially recommended.***☜

☞If your orders are likely to be large, please send and have prices beforehand.☜

	Prices of Seeds.				
	lb. exp.	lb. mail	¼-4 lb.	oz.	pkg.
KOHL RABI or TURNIP CABBAGE. — *Continued.*					
New Goliath. The largest of all the varieties; deep purple	.....	.....	50	20	5
Large Purple. Very large, hardy and productive	1 90	1 98	60	20	5
LEEK. (German, *Borro;* French, *Poireau.*) Select good onion soil, manure liberally, and plant in April in drills made six to eight inches deep and eighteen inches apart, and thin to nine inches apart in the drill. Gradually draw the earth around the plants, until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus. One ounce for a thousand plants.					
Broad Scotch or Flag. A large and strong plant	1 25	1 33	40	15	5
American Flag. A good variety	1 00	1 08	30	12	5
LARGE MUSSELBURG. A standard English variety	1 45	1 53	50	15	5
Extra Large Carentan. A very fine extra large winter variety	1 20	1 28	35	12	5
LETTUCE. (German, *Lattich;* French, *Laitue.*) For new varieties of Lettuce see pages 2 to 6. Lettuce covets a rich and rather moist soil. The rows should be about twelve inches apart, and the plants thinned from eight to ten inches apart for the heading varieties. When heads are not desired it may be grown in a mass. The more rapid the growth the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth. One ounce for three thousand plants.					
Woldorf. (New.) See pages 2–6	1 50	1 58	50	20	10
New Hothouse. For the greenhouse; larger than White Tennis Ball, less liable to rot	2 00	2 08	60	20	5
White Tennis Ball or Boston Market. An early sort, small heads, very hardy; winter culture	1 00	1 08	30	12	5
HITTINGER'S ARLINGTON FORCING. (New.) See page 19. One of the best for forcing	1 75	1 83	55	20	5
Large Boston. For growing under glass; the largest of the White Tennis Ball strains	1 25	1 33	40	15	5
BLACK-SEEDED TENNIS BALL. Hardy, early large heads. Favorite in Boston Market	1 00	1 08	30	12	5
Market Gardener's Private Stock. (New.) See page 19	1 50	1 58	50	15	5
DENVER MARKET. (New.) See page 19	1 15	1 23	40	15	5
Stone-head Golden Yellow. Test this for forcing quality with the very best variety you know	1 00	1 08	30	12	5
Grand Rapids. Beautiful in appearance, strong grower, tender and crisp. Fine for forcing	1 00	1 08	30	12	5
Myer's All Right. Fine heading sort; light green, purple tinge; fine "crunchy" quality	90	98	30	12	5
Early Curled Silesia. Early, sweet; a popular variety for hot-beds or early outdoor culture	75	83	25	10	5
Maximum or Immensity. Slow to run to seed; green, yellow heart, large solid heads	1 00	1 08	30	12	5
The Morse. (New.) See page 18	1 00	1 08	30	12	5
Early Curled Simpson. Resembles Silesia, but is more curled and not so early	75	83	25	10	5
Black Seeded Simpson. An improvement on the Simpson, being finer in many respects	90	98	30	12	5
Early Prize Head. An acquisition; runs to seed slowly; very tender and of fine flavor	1 00	1 08	30	12	5
Satisfaction or Salamander. One of the best summer cabbage sorts; light green	1 00	1 08	30	12	5
Drumhead. Very large; heads crisp and tender. A standard sort	90	98	30	12	5
HANSON. See page 19. Extremely popular	1 00	1 08	30	12	5
SUGAR LOAF. See engraving and description on page 19	1 00	1 08	30	12	5
Green Fringed. Extremely ornamental, the leaf edge being elegantly fringed; unique	1 00	1 08	30	12	5
MARBLEHEAD MAMMOTH CABBAGE. See page 19	1 00	1 08	30	12	5
Deacon. Large, very solid lasting heads of an attractive green color; very crisp and tender	1 00	1 08	30	12	5
Defiance. Light-green color, makes large heads; does not seed quickly. Fine for summer	1 00	1 08	30	12	5
Buttercup. Bright chrome yellow, combining delicate flavor with beauty of foliage	1 00	1 08	30	12	5
Blonde Block-Head. A fine heading summer variety, of a bright yellowish green color	1 00	1 08	30	12	5
RED BESSON. Heads as well as Fottler's cabbage; of fine quality. Brown and green	1 00	1 08	30	12	5
True Boston Curled. The most elegant lettuce of all. Quality good; very popular	1 00	1 08	30	12	5
All-the-Year-Round. Does not tend to seed; heads hard and crisp	1 00	1 08	30	12	5
Oak Leaved. Leaves oak-shaped; very striking in appearance; tender and sweet	1 00	1 08	30	12	5
White Paris Cos. The standard Cos variety	1 00	1 08	30	12	5
Six Choice Varieties. Mixed in one package	1 00	1 08	30	12	5
MARTYNIA. Plant two by two feet apart leaving only one plant in a place. This produces an abundance of large, showy flowers. The young pods when sufficiently tender to be easily punctured by the nail, are used for pickles.	1 92	2 00	60	20	5
MUSKMELON. (German, *Canteloupe;* French, *Melon Musqué.*) (Of the numbers printed against the items below, 1 indicates green-fleshed, 2 salmon-fleshed.) Select warm and light soil; a poor light soil is better than a cold and rich one. Thoroughly work the soil; manure with a rich fertilizer or a rich compost, having the hills six feet apart for the musk varieties, and eight or nine for watermelons. Do not excavate hills, but work the manure just under the surface, as the roots of all vines naturally seek warmth. Pinch the ends of the more vigorous vines from time to time, and work in a fertilizer between the rows. Plant a dozen or more seeds in each hill, but do not leave over two plants. Sprinkle young plants liberally with plaster or Persian Insect Powder to protect from depredation of insects.					
2. ***LEWIS PERFECTION.*** (New.) See pages 2–6	6 00	6 08	1 75	60	15
1. ***Extra Early Hackensack.*** Much earlier than Hackensack, well netted and of good quality	1 00	1 08	30	10	5
1. ***Extra Early Cantaloupe.*** The earliest of the musks; large, showy, and of fair flavor	75	83	25	10	5
1. ***Early Jenny Lind.*** An early sort; favorite with gardeners	1 00	1 08	30	10	5
1. ***Early Nutmeg or Green Citron.*** Boston variety; early, and of fine flavor	90	98	30	10	5
1. ***ROCKY FORD.*** (New.) See page 20	90	98	30	10	5
2. ***Christiana or Boston Pet.*** (True.) Remarkable for quality; early	90	98	30	10	5
1. ***Norfolk Button.*** (New.) See page 20	1 00	1 08	30	10	5
1. ***Rocky Ford.*** (Rocky Ford grown.) This is from the home of this famous variety	1 10	1 18	35	10	5
1. ***Netted Gem or Pineapple.*** See page 20	1 00	1 08	30	10	5
1. ***NEW WHITE JAPAN.*** Flesh greenish white, early and prolific; very sweet	75	83	25	10	5
1. ***WARD'S NECTAR.*** Size medium; green fleshed; prolific, sweet and delicious	90	98	30	10	5

☞***Items in Capitals are specially recommended.***☜

☞ When you receive special quotations kindly return them in case you order. ☜

	Prices of Seeds.				
	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
MUSKMELON. — *Continued.*					
2. ***PAUL ROSE.*** (New.) See page 21	1 00	1 08	30	10	5
1. ***Hackensack.*** Of large size; round, flavor excellent, very productive	90	98	30	10	5
2. ***MILLER CREAM.*** See page 20	1 25	1 33	40	12	5
2. ***Shumway's Giant.*** See page 21	90	98	30	10	5
1. ***Columbus.*** Color bright yellow with thick netting, green fleshed, of fine quality	90	98	30	10	5
2. ***Delmonico.*** Oblong; thick meated; of orange color; quality fine. See page 20	90	98	30	10	5
1. ***LONG ISLAND BEAUTY.*** Early, of superior quality, and densely netted	1 25	1 33	40	12	5
2. ***OSAGE.*** Round in shape, salmon fleshed, delicious; second early. A strain of the Miller	1 00	1 08	30	10	5
2. ***EMERALD GEM.*** See page 20	1 50	1 58	50	15	5
1. ***Bay View.*** Flesh green; sweet and spicy; hardy, vigorous, productive; long-round in shape	80	88	25	10	5
1. ***Chicago Market.*** Of larger size than Boston Nutmeg. A favorite in Chicago	1 50	1 58	50	15	5
1. ***MONTREAL NUTMEG.*** See page 20	1 50	1 58	50	15	5
1. ***CASABA.*** Large, long; green fleshed, rich flavored, thick, melting and delicious	1 00	1 08	30	10	5
2. ***Surprise.*** Early, productive and delicious; salmon fleshed; first class	90	98	30	10	5
2. ***LONG YELLOW.*** Very large, sweet, productive; a well-known sort	70	78	25	10	5
2. ***BANANA.*** See description on page 20	1 00	1 08	30	10	5
1. ***Champion Market.*** See page 20. Deeply ribbed; very productive, good shipper	75	83	25	10	5
1. ***Mango Melon or Vine Peach.*** These resemble oranges. Fry as egg plant when green	75	83	25	10	5
WATERMELON. (German, *Wassermelone:* French, *Melon d' eau.*) One ounce for thirty hills.					
Snow Bound. (New.) See pages 2-6	2 50	2 58	75	25	15
COLE'S EARLY. (New.) See page 21	75	83	25	10	5
SWEET HEART. (New.) See page 22	80	88	25	10	5
Vick's Early. Early, of medium size, oblong, pink fleshed, solid and sweet	70	78	25	10	5
Phinney's. For hardiness, vigor and productiveness unexcelled; early, reliable, red fleshed	70	78	25	10	5
Kolb's Gem. See page 22	70	78	25	10	5
FERRY'S ICEBERG. (New.) See page 21	90	98	30	10	5
MONTE CRISTO or KLECKLEY SWEETS. (New.) See page 21	90	98	30	10	5
The Triumph. (New.) See page 22	70	78	25	10	5
RATTLESNAKE. The long, large, mottled-green watermelon of commerce; very popular	70	78	25	10	5
FERRY'S PEERLESS or ICE CREAM. Large, early, sweet, prolific. See page 22	70	78	25	10	5
Duke Jones. See page 22	70	78	25	10	5
Dixie. See page 22	70	78	25	10	5
Ruby Gold. Flesh of ruby gold colors, giving a fine table effect, fine and sweet	70	78	25	10	5
Seminole. See page 21	70	78	25	10	5
Green and Gold. Very early; flesh a rich yellow; very sweet	70	78	25	10	5
Jordan's Gray Monarch. Skin mottled gray in color; flesh bright crimson; sweet, delicious	70	78	25	10	5
Honey. One of the earliest. Medium-sized, yellow flesh, deliciously sweet	70	78	25	10	5
Dark Icing. See page 22. Round, dark green, and of a delicious flavor; of good size	70	78	25	10	5
Gipsy. Very large, very productive, round, striped, dark and light green	70	78	25	10	5
Mountain Sweet. An old standard variety; early, solid; fine for Northern cultivation	70	78	25	10	5
Florida Favorite. See page 21. Our stock is direct from the originator	70	78	25	10	5
Pride of Georgia. Dark green, grows large, firm-fleshed, good shipper, crisp and sweet	70	78	25	10	5
Iron Clad. See page 21. So called because they handle well; like Gypsy; red fleshed	60	68	23	10	5
"The Boss." Dark skinned, medium-sized, medium-early, leads in appearance and eating quality	70	78	25	10	5
CUBAN QUEEN. A large mottled-green, round variety; red fleshed, solid; fine quality	70	78	25	10	5
Citron. For preserves only; hardy and very productive	70	78	25	10	5
MUSHROOM SPAWN. Full directions for cultivation on label.					
New Virgin. (New.) See page 28	52	60	20	.....	.....
English	17	25	10	.....	.....
MUSTARD. (German, *Senf;* French, *Moutarde.*) For Ground Mustard see page 37.					
Sow in drills one foot apart and cover seed lightly. Thrives readily in almost any soil. Water frequently in dry weather, and for a succession, sow every two weeks during the season. Used principally for salads.					
Chinese Large Leaved. A fine sort for greens	60	68	23	10	5
White or Yellow. For salad or medicinal purposes	30	38	15	10	5
NASTURTIUM. (German, *Nasturtium;* French, *Capucine.*)					
Plant in May in rows three feet apart; the climbing varieties to cover some arbor or fence, or climb or twine around the house; the dwarf kind in hills or in rows two feet apart The leaves are used for salad, and the seeds, when soft enough to be easily penetrated by the nail, for pickles. If each plant of the dwarf variety is allowed room to perfect itself, the plant grows very symmetrical.					
Tall. An ornamental climber. Several fine varieties mixed	1 00	1 08	30	10	5
Dwarf. Several fine varieties are included in this mixture	1 00	1 08	30	10	5
OKRA or GUMBO. (German, *Safran;* French, *Gombo.*)					
Select warm and rich soil, and plant when the ground becomes warm, in rows two feet apart, thinning plants a foot apart in the row. The pods are used to thicken soups, being gathered when young. In the North they require the warmest location and it is better to start them in a hot-bed. The seeds are a long time in germinating.					
Early Dwarf. White, small and round; pods smooth	45	53	15	10	5
White Velvet. Pods smooth, exceedingly tender and well flavored; very prolific	45	53	15	10	5
Long Green. Later and more productive	45	53	15	10	5

☞Vegetable seeds enough for the family garden for $1.00. See page 51.☜

	Prices of Seeds.				
	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
ONION. (German, *Zwiebel;* French, *Oignon.*) *Full description of many varieties on pages 23–24.*					
In some parts of the country the term "Silver-skin" denotes a white variety, in other parts a yellow variety. Please indicate in your order which you want. The soil should be free from large stones. Apply from ten to twelve cords of rich, fine compost to the acre. Plough not over five inches deep, and work well with the cultivator. Plough again at right angles with first furrows, and cultivate again. Now rake level and fine, and plant seed in rows fourteen inches apart at rate of four pounds to the acre. Keep very clean of weeds. When ripe, pull and dry very throughly before storing. For full particulars see our work on "Onion Raising." Plant onion sets two inches apart in rows a foot apart. To grow sets, plant the seed at the rate of thirty to sixty pounds to the acre.					
NEW HARDY WINTER. (New.) See page 24	2 50	2 58	75	25	10
EARLY FLAT RED. Like Cracker except color. Capital for short seasons	1 50	1 58	50	15	5
Early Yellow Cracker. See p. 24. Improvement on Large Yellow, being earlier. (*Our growing.*)	1 67	1 75	53	20	5
EARLY ROUND YELLOW DANVERS. See page 23. Large, round, profitable. (*Our growing.*)	2 25	2 33	65	20	5
Yellow Globe Danvers. See page 24. (*Western grown*)	1 25	1 33	40	15	5
EARLY RED GLOBE DANVERS. See p. 24. Most productive of the early reds. (*Our growing.*)	1 92	2 00	60	20	5
Southport Early Red Globe. Rounder than Early Red Globe; good for fall. (*Our growing.*)	1 75	1 83	55	20	5
Philadelphia White. The best variety to grow sets from	2 92	3 00	98	30	5
White Portugal. Very early; mild flavored; not a good keeper	2 00	2 08	60	20	5
Yellow Strasburg or Large Yellow. A late standard variety	1 42	1 50	48	15	5
SOUTHPORT YELLOW GLOBE. See page 23. Eastern grown	2 00	2 08	60	20	5
SOUTHPORT WHITE GLOBE. See page 23. Eastern grown. Risky growing North of Mass.	3 00	3 08	1 00	30	5
SOUTHPORT LATE RED GLOBE. See page 23. Eastern grown	2 17	2 25	63	25	5
LARGE RED WETHERSFIELD. See page 24. Eastern grown. Pleasant flavored; keeps well.	1 35	1 43	45	15	5
FOREIGN VARIETIES. These need to be sown thicker than the other sorts					
Barletta. The earliest of all onions; white; grows about 1 3-4 inches in diameter	2 00	2 08	60	20	5
WHITE PEARL. The earliest of the large-size white varieties	2 92	3 00	98	30	5
New Queen. A new white onion excepting Barletta, the earliest of all. As fine as it is early	2 00	2 08	60	20	5
White Dutch. Pickling. See page 23	1 67	1 75	53	20	5
LARGE FLAT WHITE ITALIAN. See p. 23. Freest from scallions of the extra large varieties.	2 00	2 08	60	20	5
PRIZETAKER. Largest of all onions; start under glass and transplant	1 50	1 58	50	15	5
ONION SETS, ETC.					
White Sets. Prices per bush., $5.00; peck, $1.40; qt., ex., 40c; qt., mail, 52c					
Yellow Sets. Prices per bush., $4.00; peck, $1.25; qt., ex., 35c; qt., mail, 47c					
Egyptian, or Perennial Tree. For prices, see page 24. Ready from middle of August					
PARSLEY. (German, *Petersilie;* French, *Persil.*)					
Select rich soil and sow the seed in drills, one foot apart, covering one-eighth of an inch deep. The seed is usually from fifteen to twenty-five days vegetating. Thin plants to four inches apart when two inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and garnishing in its natural state; also for edgings in flower-gardens and in bouquets.					
ARLINGTON DOUBLE CURLED. (New.) See page 28	75	83	30	10	5
Beauty of the Parterre. Most beautiful foliage of intricate quilled leaflets; fine	70	78	25	10	5
New Perpetual. This variety does not tend so much as the others to run to seed	65	73	23	10	5
FERN LEAVED. A most beautiful, mossy sort; valuable for decoration	60	68	20	10	5
Dwarf Curled. Finely curled; good for edging or table ornament	60	68	20	10	5
Myatt's Garnishing. Double curled; a standard English sort	60	68	20	10	5
CARTER'S CHAMPION MOSS CURLED. Elegant for garnishing	65	73	23	10	5
Carter's Covent Garden Garnishing. Probably the best of its type	65	73	23	10	5
PARSNIP. (German, *Pastinake;* French, *Panais.*)					
Give the richest and deepest soil to the long varieties of Parsnip; the Turnip sort will grow well on shallow soil. Make the soil very fine, and plant the seed very early, in rows eighteen inches apart, thinning plants to three to five inches in the rows. The seeds should be planted shallow. To keep well in the ground over winter draw a little earth over the tops.					
Large Dutch. Large and sweet. A standard kind	50	58	20	10	5
ABBOTT'S IMPROVED HOLLOW CROWNED. The best hollow crowned. See page 28	60	68	20	10	5
Maltese. A new long English variety	50	58	20	10	5
PEAS. (German, *Erbsen;* French, *Pois.*)					
Of the numbers printed against the Peas, 1 indicates first early class; 2, second early; 3, late class. Those marked with (*) are wrinked varieties, the sweetest of all, but, being liable to rot, need to be planted thicker and later than the round sorts. While the tall sort will run too much to vine if liberally manured, the dwarf varieties, on the contrary, need liberal manuring. Have the dwarfs that grow not over fifteen inches high in rows two and one-half feet apart; those varieties attaining the height of from two to three feet, in rows three feet apart; and the rows of the tallest sort four feet apart. One quart to 150 feet.	peck exp.	bush. exp.	qt. exp.	qt. mail	
VERY DWARF. About one foot. (These very low varieties require no sticking.)					
1. ***PEDIGREE EXTRA EARLY.*** (New.) See pages 2–6	1 40	5 00	25	40	10
1. ****EARLY MORN.*** (New.) See page 25	2 75	10 00	50	65	10
1. ****American Wonder.*** The time-honored early dwarf wrinkled Pea	1 80	6 50	35	50	10
1. ****NOTT'S EXCELSIOR.*** The best of all the dwarf wrinkled; first early sort	2 10	7 50	35	50	10
1. ****GREGORY'S EXCELSIOR.*** (New.) See pages 2–6	2 25	8 00	40	55	10
2. ****CARTER'S DAISY or DWARF TELEPHONE.*** 18 inches, great cropper, pods 5 inches, peas large and delicious	2 00	7 00	35	50	10
1. ****Carter's Extra Early Premium Gem.*** Improvement on Little Gem; prolific, longer podded	1 40	5 00	25	40	10
1. ***Early Prize.*** See page 25	1 40	5 00	25	40	10

☞When ordering, please write "peck" in full, "pkg." for package.☜

	Prices of Seeds. peck exp.	bush. exp.	qt. exp.	qt. mail	pkg.
PEAS. (*Continued.*)					
DWARF. (*From 2½ to 3 feet.*)					
All varieties under this class will do without bushing, but on rich garden soil will generally do better bushed.					
1. ***Claudit.*** (New.) See page 25	2 00	7 00	35	50	10
3. ****ADMIRAL DEWEY.*** (New.) See page 25. An exceptionally heavy cropper	1 70	6 00	30	45	10
1. ****GREGORY'S SURPRISE.*** (New.) See page 25	1 80	6 50	35	50	10
1. ****Thomas Laxton.*** (New.) See page 25	2 75	10 00	50	65	10
1. ****GRADUS.*** (New.) See page 25	2 75	10 00	50	65	10
1. ****Eclipse.*** (New.) See page 26	1 75	6 25	35	50	10
1. ****Station.*** Wrinkled, and as early as Alaska, Dan O'Rourke, Phil. Ex. Early, etc., fine	1 75	6 25	35	50	10
1. ***Sunol.*** (New.) One of Allan's latest first earlies, and it is as he says — the best	1 20	4 00	25	40	10
1. ***HANCOCK.*** Of American origin. A first early; first-class for early market. See page 26	1 20	4 00	25	40	10
1. ***Bergen Fleetwing.*** One of the best of the first early, round, hard varieties; great cropper	1 20	4 00	25	40	10
1. ***Extra Early Dan O'Rourke.*** One of the earliest standard market varieties	1 20	4 00	25	40	10
1. ****Laxton's Alpha.*** One of the best early wrinkled market peas	1 40	5 00	25	40	10
1. ***Alaska.*** A blue pea of fine quality, besides being extra early; growing in favor	1 25	4 25	25	40	10
1. ***Maud S.*** First-rate, as early as Hancock, with larger pods	1 20	4 00	25	40	10
2. ****Bliss Abundance.*** Good to follow Nott's Excelsior; pods well filled; productive; fine	1 30	4 50	25	40	10
2. ****BLISS EVER-BEARING.*** Very productive; peas large, delicious; continues long in bearing	1 25	4 25	25	40	10
2. ****MARKET GARDEN.*** Well known as a standard heavy cropping second early See page 25	1 25	4 25	25	40	10
2. ****McLEAN'S ADVANCER.*** Recognized as *the* market Fourth of July pea	1 25	4 25	25	40	10
3. ****Improved Stratagem.*** (New.) See page 25. One of the very latest sorts	1 80	6 50	35	50	10
2. ****Juno.*** See page 26. Pods and peas of large size. An acquisition, later than Paragon	1 40	5 00	25	40	10
2. ****Shropshire Hero.*** This follows Advancer, growing larger pods of finest flavor, two and a half feet	1 40	5 00	25	40	10
3. ***PRIDE OF THE MARKET.*** Late, long podded English variety, robust, productive	1 50	5 50	30	45	10
2. ****Dwarf Champion.*** See page 26.	1 40	5 00	25	40	10
2. ****Yorkshire Hero.*** Large, late, wrinkled dwarf peas, very large; capital for kitchen garden	1 30	4 50	25	40	10
2. ****HEROINE.*** See page 26	1 35	4 75	25	40	10
TALL VARIETIES. (*Growth from 3 to 4 feet.*)					
3. ***MARBLEHEAD EARLY MARROWFAT.*** See page 32	1 20	4 00	25	40	10
3. ****TELEPHONE.*** An acquisition, medium late; large peas in long dark green pods. See p. 25	1 70	6 00	30	45	10
3. ****PROLIFIC GIANT PODDED SUGAR.*** (New.) Pods of gigantic size, broad, sweet, tender and fleshy. To be eaten pods and all			50	65	10
3. ***Melting Sugar.*** This, with its thick, pulpy, large pods. is to be cooked pods and all	2 00		40	55	10
3. ****CHAMPION OF ENGLAND.*** An old favorite; rich flavored and very productive	1 25	4 25	25	40	10
3. ***Black-Eyed Marrowfat.*** An old favorite, large podded; prolific; capital for market	1 05	3 25	25	40	10
3. ***Large White Marrowfat.*** A standard late sort	1 00	3 00	20	35	10
PEPPER. (German, *Pfeffer;* French, *Poivre.*)					
Peppers should be started in a cold frame or hot-bed. Transplant the young plants into very rich open ground towards the close of May, having the rows eighteen inches apart, and the plants one foot apart in the row.	lb. exp.	lb. mail	1-4 lb.	oz.	
CARDINAL. Six inches long; color brilliant cardinal red; very desirable	3 00	3 08	85	30	5
LARGE BELL. A standard sort	2 20	2 28	75	25	5
SQUASH or FLAT. The variety generally planted for family use	2 20	2 28	75	25	5
Large Sweet Mountain. Very large and excellent for mangoes	2 20	2 28	75	25	5
RUBY KING. See page 28	2 42	2 50	75	25	5
Child's Celestial. Beautiful. Fruit two inches long, creamy white, changing to deep scarlet	2 42	2 50	75	25	5
Procopp's Giant. One of the largest, flesh thick, glossy scarlet, sweet and mild Mango variety			75	25	5
Spanish Monstrous. On good soil will grow six inches long and six inches in diameter	2 20	2 28	75	25	5
LONG RED or SANTE FE. The standard long red	2 42	2 50	75	25	5
Cherry. Small, smooth and round; a great bearer	2 42	2 50	75	25	5
CAYENNE. Small, long and tapering; very hot; best for seasoning pickles	2 20	2 28	75	25	5
CHILI. Sharply conical, about two inches in length, one-half inch in diameter. Brilliant scarlet when ripe	2 42	2 50	75	25	5
Golden Dawn Mango. Bell-shaped; remarkably prolific and of a magnificent yellow color	2 20	2 28	75	25	5
POTATOES. (German, *Kartoffel;* French, *Pomme de Terre.*) See pages 26 and 27.					
We offer seed saved from the potato balls. Scarce, as very few varieties make balls					25
PUMPKIN. (German, *Kürbis;* French, *Potiron.*) Cultivate like squash which please see.					
Dauphine Early Bush. (New.) See pages 2–6				40	15
SUGAR. First rate for table or stock. See page 29	55	63	20	10	5
CHEESE. Popular in the Middle States; cheese shaped, in character like the Crookneck	60	68	20	10	5
Large Field. Good for stock; usually grown amongst field corn	35	43	15	10	5
NEGRO. The true old-fashioned, black-warted shelled pumpkin, auld lang syne pie variety	85	93	30	10	5
Mammoth Red Etampes. See page 29	1 25	1 33	40	15	5
Gibson. Though mammoth, quality very fine; for pies good as marrow squash	85	93	30	10	5
Michigan Mammoth. Excellent for stock; very large, heavy cropper	85	93	30	10	5

☞***Items in Capitals are specially recommended.***☜

☞Seeds ordered at mail prices will be sent postpaid by us.☜

	Prices of Seeds.				
	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
RADISH. (German, *Rettig;* French, *Radis* et *Rave.*) For early use sow in spring as soon as the ground can be worked, in drills six to ten inches apart, covering seed half inch deep. Thin plants an inch apart in the row. As the roots are more succulent and tender when grown quickly, a rich, light soil should be preferred, and frequent watering in dry weather will be found beneficial. For a succession, sow every two weeks. Nearly all of the varieties named below are French grown.					
CRIMSON GIANT FORCING. See page 29. Large without being hollow hearted; quality excellent	1 00	1 08	30	10	5
ICICLE. See page 29. The finest long white; flesh tender and sweet	70	78	25	10	5
Triumph. See page 29. Very attractive with its white and scarlet stripings	1 00	1 08	30	10	5
Ne Plus Ultra. Deep Scarlet. See page 29. Headquarters stock	60	68	23	10	5
EARLY SCARLET GLOBE. For forcing and open ground; not apt to grow spongy	60	68	23	10	5
Early White Short Leaved. The best white turnip, tops remarkably short; also for forcing	50	58	20	10	5
Earliest Erfurt Scarlet Turnip. Short-leaved; extra early, medium scarlet; glass or open air	45	53	20	10	5
Early Scarlet, Olive-Shaped. Very early and handsome; quick growth; tender, excellent	50	58	20	10	5
FRENCH BREAKFAST. Fine variety of the Olive Radish, scarlet body and white root	55	63	20	10	5
Red Turnip-Rooted. Early Scarlet. Standard early, popular in markets of New York	55	63	20	10	5
SCARLET TURNIP, WHITE TIPPED. The name defines this elegant new turnip radish	60	68	23	10	5
Deep Blood Red. Early, deep blood red, oblong turnip-shaped, of fine quality	70	78	25	10	5
Long Brightest Scarlet. Medium long, of a vivid scarlet color, tipped with snow white	50	58	20	10	5
BECKERT'S CHARTIER. See page 29. Rose color with white tip. Does not grow pithy	60	68	23	10	5
BOSTON LONG SCARLET. The longest of the long scarlets; headquarters stock	80	88	25	10	5
Carter's Selected Long Scarlet. Carter & Co.'s best Favorite with Boston market gardeners	55	63	20	10	5
Wood's Fine Frame. For cultivation under glass; very early. Shaped between olive and long	55	63	20	10	5
Covent Garden or Long Scarlet Short Top. The standard long scarlet variety	55	63	20	10	5
GOLDEN YELLOW SUMMER TURNIP. Spherical root; color very rich; very early	52	60	20	10	5
Strasburg. A white summer and autumn variety. It grows four inches long, two inches thick	60	68	23	10	5
Giant White Stuttgart. Very large white summer sort; quick growth; stands heat	65	73	25	10	5
Black Spanish. The round variety; for winter use	65	73	25	10	5
CHINESE ROSE WINTER. The best for winter use. Grows large and tender	62	70	23	10	5
Large White Russian or California Winter. From the Chinese in California. An acquisition	65	73	25	10	5
Mixed Varieties, round and long	70	78	25	10	5
RHUBARB. (German, *Rhabarber;* French, *Rhubarb.*) For prices of roots see page 51. Sow the seed in drills eighteen inches apart, and cover half inch deep. Thin the plants to a foot apart. When the plants are one year old, prepare the ground for the final bed by trenching two feet deep, mixing a liberal quantity of manure with the soil. Set plants five feet apart each way. Do not cut until the second year, and give a dressing of manure every fall. If it is desired at any time to increase the bed, the roots may be taken up in the spring and divided. The seed will not usually give plants like the parent.					
Mammoth. The largest of all	1 40	1 48	50	15	5
Linnaeus. Large, tender, and of excellent flavor. A well-known market variety	1 40	1 48	50	15	5
SALSIFY or VEGETABLE OYSTER. (German, *Saferwurzel;* French, *Salsafis.*) Sow early in spring, in light, rich soil, in drills fourteen inches apart, and thin the plants to three inches in the row. The roots will be ready for use in October, and will sustain no injury by being left in the ground during the winter. When cooked the flavor somewhat resembles the oyster.					
WISCONSIN GOLDEN. (New.) See page 34	2 00	2 08	60	20	5
Common	90	98	30	10	5
MAMMOTH SANDWICH ISLAND. Grows much larger and smoother than the common; popular.	1 17	1 25	38	12	5
SPINACH. (German, *Spinat;* French, *Epinard*) Write for quotations for Spinach in quantities. For summer use sow early in the spring, in drills eight inches to one foot apart, covering the seed one inch deep. Select rich soil and manure very liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For very early spring use, sow in August. The plants are sometimes protected through the winter by a thick covering of straw. Spinach is used principally as greens for boiling, and is very highly esteemed for this purpose.					
ROUND LEAVED. A good summer variety	25	33	15	10	5
GIANT THICK-LEAVED. A fine strain of the Round Leaved	30	38	15	10	5
Victoria. (New.) See page 28. Dark green, very thick leaf; long in running to seed	30	38	15	10	5
Long Standing. As its name implies, latest in seeding, and one of the best for garden use	30	38	15	10	5
BLOOMSDALE or NORFOLK SAVOY. Springy leaved, keeps longer after cutting	30	38	15	10	5
Extra Large Round-Leaved, or Viroflay. Grows to a large size	30	38	15	10	5
Prickly Seed. The hardiest variety; thick leaved. For fall sowing	25	33	15	10	5
New Zealand. Makes large plant; endures drought; best quality. Fine as a foliage plant	90	98	30	10	5
SQUASH. (German, *Garten-Kürbiss;* French, *Courge.*) All vines delight in warm and rich soil. Prepare the ground by thoroughly pulverizing. Manure at the rate of eight or ten cords to the acre, working it just under the surface with the cultivator or gang plow. Plant in hills nine to ten feet apart for running varieties, and five or six feet apart for bush sorts; work some rich fine manure into each hill. Leave two plants to the hill. Keep well covered with plaster in early stages of growth. Cultivate frequently. For full particulars in every department, see our work, "Squashes and How to Grow Them."					
MAMMOTH WHITE BUSH. See page 31	75	83	25	10	5
White Early Bush. Earliest summer sort	75	83	25	10	5
Summer Crookneck. Early	75	83	25	10	5
Golden Bush. Differs from the White Bush only in color	75	83	25	10	5
STRICKLER'S SUMMER. See page 31	85	93	30	10	5
Dunlap's Early Prolific Marrow. Good for late planting	85	93	30	10	5
DUNLAP'S EARLY PROLIFIC MARROW. See page 31. A fine strain; our own growing	1 25	1 33	40	12	5
Boston Marrow. See page 31. A standard fall squash, of a rich orange color; very productive	75	83	25	10	5

☞***Items in Capitals are specially recommended.***☜

☞When seeds are ordered to be sent by express or railroad the cost of transportation will be at expense of purchaser.☜

PRICES OF SEEDS.

	lb. exp.	lb. mail.	1-4 lb.	oz.	pkg.
SQUASH. — *Continued.*					
The Faxon. This sports into many varieties but quality averages excellent	80	88	25	10	5
WARREN. (New.) See page 31	1 25	1 33	40	12	5
GOLDEN BRONZE. (New.) See page 30	1 15	1 23	40	12	5
DELICIOUS. (New.) See page 30	1 67	1 75	50	20	10
Bay State. Bluish green; thick shelled, popular in Boston market	1 00	1 08	30	10	5
MARBLEHEAD. For full description, see page 32	1 00	1 08	30	10	5
BUTMAN. Lemon colored flesh; fine grained; delicious flavor; fine early winter variety	1 00	1 08	30	10	5
Golden Hubbard. (New.) See page 31	1 00	1 08	30	10	5
HUBBARD. Our introduction; now the standard winter squash throughout the United States	1 00	1 08	30	10	5
The Victor. (New.) See page 31	1 25	1 33	40	12	5
WARTED HUBBARD. (New.) See page 32	1 00	1 08	30	10	5
Cocoanut. See page 31	1 00	1 08	30	10	5
Mammoth Yellow Chili. One of the giant squashes that draw all eyes at the Fairs	1 00	1 08	30	10	5
CANADA CROOKNECK. The small, well-known, excellent kind	1 00	1 08	30	10	5
Large Winter Crookneck. See p. 31. The old standard sort, the best keeper; coarse grained	1 00	1 08	30	10	5
SUNFLOWER. Sow thinly in drills three feet apart and thin to two feet apart in the row.					
Common	20	28	10	5	
Mammoth Russian. Fine Variety. Valuable for poultry or vegetable oil. Flowers and seed large	20	28	10	5	
SWISS CHARD.					
Cultivate as beets. The tops while young are boiled as greens, the centre and side ribs are cooked and served like asparagus.					
GIANT PERPETUAL SPINACH SWISS CHARD. (New.) See page 28	65	73	23	10	5
Ornamental Varieties. The leaf veins are white or brilliant scarlet and yellow; ornamental	50	58	20	10	5
Common Chard	50	58	20	10	5
TOMATO. (German, *Liebes-Apfel;* French, *Tomate.*)					
☞*Many of the list below* **are of our own growing, or grown for us by the originator.**					
Sow the seed in March and April in the hot-bed, or in pots in a sunny exposure in the house. If it is desired to make very healthy, stocky plants, they may be transplanted or repotted when about two or three inches high. When five or six inches high, if the ground has become warm, transplant to the open ground, on a rainy or cloudy day if possible; if not the young plants should be liberally watered and shaded from the hot sun. If it is desirable to have the fruit ripen as early as possible, in preference to a heavy crop, select rather light, poor soil, and a sunny location. Trimming off the laterals, training to a stake, and propagating by slips, are believed by many to promote earliness. Set the plants four feet apart each way, upon mounds of earth, to allow the foliage to open and let the sun in amongst the fruit. A cheap trellis, made by driving three stakes around the plants and encircling them with three or four barrel hoops, makes a very nice support for training them. One ounce of seed for about twelve hundred plants.					
CHALK'S JEWEL. (New.) See page 4	3 50	3 58	1 10	35	15
NOLTE'S EARLIEST. (New.) See page 33	3 00	3 08	1 00	30	10
EARLIANA. (New.) See page 33	3 00	3 08	1 00	30	10
Bond's Early Minnesota. Earliest of the spherical sorts, size below average, but immense cropper.	2 00	2 08	60	20	5
Vaughn's Earliest of All. The earliest of ninety varieties; fruit small, very productive	2 00	2 08	60	20	5
CANADA VICTOR. Of our own introduction. First early; is somewhat irregular	2 00	2 08	60	20	5
Early Ruby. One of the first earliest; resembles Perfection, but not as large	1 75	1 83	55	20	5
HONOR BRIGHT. Fruit first green, then white, then bright red; good shipper	2 00	2 08	60	20	5
LIVINGSTON'S DWARF STONE. (New.) See page 33	4 00	4 08	1 25	40	15
DIADEM. Medium size; fine quality; color ruby red with stripes and spots of gold; a novelty	1 90	1 98	60	20	5
ENORMOUS. (New.) See page 33	1 90	1 98	60	20	5
FREEDOM. In form, size, solidity and yield it ranks with the first earliest; rich scarlet color	1 90	1 98	60	20	5
LIVINGSTON'S NEW MAGNUS. (New.) See page 33	2 25	2 33	65	25	5
Fordhook. Early, of rich purple red color and very attractive; fruit even sized	2 00	2 08	60	20	5
Maule's New Imperial. A fine second; a first class variety	1 90	1 98	60	20	5
Comrade. Remarkable for its smoothness and roundness; early and exceedingly productive	1 50	1 58	50	15	5
DWARF CHAMPION. Plant upright; fruit perfectly round and very brilliant scarlet	2 50	2 58	75	25	10
Livingston's Aristocrat. This differs from the Dwarf Champion only in a glossy red color	2 92	3 00	98	30	5
Buckeye State. Very large, smooth, purple; yields fruit in great clusters	2 42	2 50	70	25	5
Essex Hybrid. Early; deep purple color, handsome form; good size; popular	2 40	2 48	70	25	5
Livingston's Paragon. Supply directly from Livingston, his first, and one of his best	1 90	1 98	55	20	5
Livingston's Beauty. See page 33. From originator	2 40	2 48	70	25	5
Livingston's Perfection. Splendid for canning or shipping; dark red; direct from originator	2 40	2 48	70	25	5
Livingston's Favorite. Smoother than Paragon, darker red than Perfection. Headquarters stock	2 40	2 48	70	25	5
LIVINGSTON'S NEW STONE. See page 32. Headquarters stock	2 40	2 48	70	25	5
Livingston's Acme. Supply directly from the originator. Differs from Paragon in color only	1 75	1 83	55	20	5
PONDEROSA. Monstrous; inclined to rot; better for show than use	2 00	2 08	60	20	5
Trophy. This magnificent variety is particularly valuable in the home garden	2 00	2 08	60	20	5
Yellow Victor. A beautiful medium size, golden yellow, almost perfection in shape	1 90	1 98	60	20	5

☞Carefully read instructions on our Order Sheet.☜

	Prices of Seeds.				
TOMATO. — *Continued.*	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.
Improved Ground Cherry. Excels the old variety in size of fruit	.....	.....	1 25	40	10
Yellow Fig. Pear shaped, and used to preserve as figs	.....	.....	....	20	10
Cherry. Flavor unsurpassed. Fruit small, but a wonderful cropper	.....	.....	....	30	5
Yellow Plum. Small, elegant. Nice for preserves	.....	.....	....	30	5
Currant. Very elegant; resembles long bunches of currants; for ornament only	.....	.....	....	30	10
Twenty-one Choice Varieties, mixed ..... package only	.....	.....	....	....	5
TURNIP. (German, *Rübe;* French, *Navet.*) ☞Our friends, if they wish turnips for fall or early winter use, will order the English varieties, or if they want some for winter or spring will order the Swedes.					
For early use sow the small sort as soon as the ground can be worked in the spring, in drills fourteen inches apart; the Rutabagas thirty inches. As the seed is very fine, it should be covered but slightly. Select light, if possible, new soil, and manure with ashes or phosphates. Should the young plants be troubled with insects a sprinkling of plaster will be found beneficial. Of the early varieties, thin the plants to six inches apart, and the Rutabagas to one foot. For fall and winter use the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using one and a half pounds of seed to the acre. "Swede" and "Rutabagas" being synonymous terms, the names below, given as they are generally used, will be readily understood. The English varieties are almost exclusively used for early planting for market.					
EARLY VARIETIES. (***White and yellow fleshed.***)					
EXTRA EARLY WHITE TOP MILAN. (New.) See page 34	75	83	25	10	5
PURPLE TOP MILAN. See page 34	60	68	20	10	5
Early Purple Top Munich. A very early, deep Purple Top variety, earlier than Red Top	50	58	20	10	5
Early White Dutch or Early Flat Dutch. Sharp leaves, small neck and top, clear white	40	48	20	10	5
EARLY RED (OR PURPLE) FLAT TOP. Fine, sweet, mild; rapid grower; very popular	40	48	20	10	5
EARLY WHITE TOP FLAT. Differs from Red Top only in color	40	48	20	10	5
Scarlet Kashmyr. Of a rich, pink-red color; early; an excellent keeper	40	48	20	10	5
Purple Top Globe. Contesting the field with Red Top; a thick, round, quick growing variety	40	48	20	10	5
White Stone or Snowball. A thick, Early White Top. The favorite in the London market	40	48	20	10	5
Golden Stone. A fine, oblong, yellow-fleshed variety; very handsome; an acquisition	40	48	20	10	5
IMPROVED YELLOW GLOBE. Fine for family use or field culture. An American variety	40	48	20	10	5
Orange Jelly. A round yellow, English turnip, of finer quality than Golden Ball	40	48	20	10	5
Yellow Finland. Elegant; less eaten by worms than most sorts. Good for table	40	48	20	10	5
Green Top Aberdeen. Round, yellow-fleshed, and firm; a good keeper	40	48	20	10	5
WHITE EGG. See page 34. Headquarters stock. Large, handsome, early; keeps first rate	50	58	20	10	5
Pomeranian White Globe. A very fine White Globe variety; round and thick	40	48	20	10	5
LONG WHITE COWHORN. A very fine strain, matures quickly, carrot shaped, fine and sweet	50	58	20	10	5
White Tankard. In shape resembling a tankard; white-fleshed; a heavy cropper	45	53	20	10	5
SWEDES OR RUTABAGA.					
Laing's Improved Swede. One of the earliest; handsome round variety; fine for the table	40	48	20	10	5
AMERICAN RUTABAGA. Popular among gardeners for table and stock; flesh solid	40	48	20	10	5
CARTER'S ELEPHANT. (New.) See page 34	40	48	20	10	5
Improved Purple Top Swede. See page 34	40	48	20	10	5
Hartley's Swede. One of the largest of the Swedes; short-necked; round in shape, very fine	40	48	20	10	5
Skirving's Purple Top Rutabaga. Standard field variety, fine for family use; yellow-fleshed	40	48	20	10	5
Shamrock Swede. A popular English sort; short-neck, and oblong in shape; yellow-fleshed	40	48	20	10	5
Carter's Imperial Swede. Messrs. Carter & Co. rank this as the best of their Swede turnips	50	58	20	10	5
BUDLONG. See page 34	50	58	20	10	5
White Rock. Imp. on Large White French. Less apt to grow hollow than Sweet German	40	48	20	10	5
Large White French, or White Swede. A white market Rutabaga	40	48	20	10	5
Sweet German or Russian. White, sweet, excellent; a first-rate keeper	40	48	20	10	5

SWEET OR POT AND MEDICINAL HERBS. *Figure 1 denotes Seasoning; figure 2, Medicinal Herbs.*

For Ground Sage, see page 37.	lb. exp.	lb. mail	1-4 lb.	oz.	pkg.		oz.	pkg.		oz.	pkg.
1 Sage, broad leaved	1 40	1 48	45	15	5	2 Saffron	15	5	1 Rosemary	35	5
1 Thyme, French, high flavored	.....	.....	....	25	5	1 Coriander	10	5	1 Sweet Fennel	10	5
1 Thyme, broad-leaved English	2 50	2 58	75	25	5	1 Sweet Basil	15	5	2 Fenugreek	30	5
1 Summer Savory	90	98	30	10	5	1 Dill	10	5	2 Catnip	30	5
1 Sweet Marjoram	1 15	1 23	35	10	5	2 Hyssop	15	5	2 Melis Balm	25	5
1 Caraway	50	58	15	10	5	2 Rue	15	5	2 Wormwood	15	5
2 Hoarhound	1 40	1 48	45	15	5	2 Lavender	35	5			

GRAINS, GRASSES, CLOVER SEEDS; FORAGE PLANTS, ETC.

Prices for quantities of items not fully quoted cheerfully given upon application.

	per bu. weight	peck exp.	bu. exp.	3 lbs mail	1 lb. mail	pkg.
Macaroni or Durum Wheat. (New.) See page 35	60 lbs.	60	2 00	50	20	10
Pearl Millet or Mand's New Wonder Grass. See page 36	60 "	1 50	5 50	60	25	5
Manshury Barley. See page 35	48 "	50	1 50	50	20	10
Champion Beardless Barley. See page 35	48 "	60	2 00	50	20	10
Japanese Buckwheat. See page 36	48 "	50	1 60	50	20	10
Amber Cane. Standard sugar variety; also much used for fodder; per lb., per exp., 10 cts	50 "	65	2 25	50	20	10
Orange Cane. A little later than the amber, but richer in juice: per lb., per exp., 10 cts	50 "	65	2 25	50	20	10
Alsike or Swedish Clover. A cross between white and red; fine for hay	60 "	2 25	9 00	90	35	10

☞***Items in Capitals specially recommended.***☜

☞Kindly send in your orders early, which will be as well for you and better for us.	per bu. weight	peck exp.	bush exp.	3 lbs mail	1 lb. mail	pkg.
GRAINS, GRASSES, ETC. — *Continued.*						
White Clover. Fine for lawns, also good for bees	60 lbs.	4 00	15 00	1 10	40	10
Crimson Clover. This variety, an annual, is fine for soiling cattle; has a beautiful blossom	60 "	1 25	4 50	60	20	10
Red Clover, Banner Brand. *Extra Clean Seeds. The very best.* See page 35	60 "	2 50	8 75	80	30	10
Timothy Grass. *Extra Clean Seeds. The very best.* See page 35	45 "	1 00	3 00	75	25	10
Red Top Grass. *Extra Clean Seeds. The very best.* See page 35	36 "	1 30	4 40	75	25	10
Awnless Brome Grass. Hardy and vigorous, succeeding on light soils where common grasses fail; for hay and pasturage	12 "	50	1 50	80	30	10
Orchard Grass. See page 36	14 "	60	2 00	80	30	10
Gregorys' Special Lawn Grass. A mixture of twelve fine varieties. See page 35	16 "	1 00	3 75	1 00	35	10
Hungarian Grass. Excellent for hay for light land	48 "	60	1 75	50	20	10
Japan Millet. Crus Galli. (New.) See page 37	35 "	60	2 00	50	20	10
Saskatchewan Spring Wheat. See page 35	60 "	60	2 00	50	20	10
Irish Victor Oats. (New.) See page 35	32 "	50	1 40	50	20	10
Lincoln Oats. (New.) See page 35	32 "	55	1 65	50	20	10
Winter Rye. A fine sample	56 "	50	1 40	50	20	10
Alfalfa or Lucerne. See page 35	60 "	3 00	10 00	80	30	10
Kaffir Corn. See page 36	60 "	1 25	4 00	60	20	10
Milo Maize or Rural Branching Sorghum. See page 36	60 "	1 25	4 00	60	20	10
Doura Yellow. See page 36	60 "	1 25	4 00	60	20	10
Rhode Island Bent. Some use this alone for lawns; also good for pastures	15 "	65	2 10	80	30	10
Kentucky Blue Grass. Does well on light soils and is recommended for permanent pasture	14 "	60	2 00	80	30	10
Rape Seed. Dwarf Essex. See page 37. Per lb.; per exp., 10 cts.; per 100 lbs., $8.	50 "	1 25	4 50	60	20	10
Dwarf Broom Corn. Dwarf in habit; fine brush. 10 lbs., per exp., $1.25				60	20	10
Improved Evergreen Broom Corn. Standard tall variety. 10 lbs., per exp., $1.25				60	20	10
Soja Beans or American Coffee Berry. See page 37	58 "	1 10	3 50	70	25	10
Soja Beans Medium Early Green. See page 37	58 "	1 25	4 00	70	25	10
Cow Peas. (Black.) See page 36. Good for fodder and to turn under. 1½ bush. per acre	60 "	65	2 25	60	20	10
Canada Field Peas. See page 36	60 "	75	2 25	60	20	10
Sand, Winter, or Hairy Vetch. (*Vicia villosa.*) See page 36	60 "	2 25	8 50	75	30	10

Collections of Vegetable Seeds. *For the Home Garden*

As these collections are put up in advance ready for mailing we can make no change or substitution in them.

33 Packages, Our Garden Collection, Postpaid, $1.00.

Beans, Dwarf Golden Wax.
Beans, Golden Butter Pole.
Beet, Crosby's Early.
Beet, Lentz.
Cabbage, Pixie.
Cabbage, Warren.
Cabbage Prem. Flat Dutch.
Carrot, Danvers.
Celery, Kalamazoo.
Corn, Quincy Market.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Cucumber, Boston Pickling.
Lettuce, Hanson and Silesia.
Melon, Musk, White Japan.
Melon, Water, Rattlesnake.
Melon, Water, Mt. Sweet.
Onion, Danvers Yellow.
Onion, Red Globe.
Parsnip, Abbott's.
Pepper, Bell.
Peas, Champion of Englaud.
Peas, Advancer.
Pumpkin, Sugar.
Radish, Long Scarlet.
Radish, French Breakfast.
Sage.
Squash, White Bush.
Squash, Marblehead.
Turnip, White Egg.
Tomato, Earliana.
Tomato, Stone.

16 Packages, the Home Garden Collection, Postpaid, for 50 Cents.

Beans, Dwarf Golden Wax.
Beet, Lentz.
Cabbage, Warren.
Carrot, Danvers.
Corn, Quincy Market.
Corn, Stowell's Evergreen.
Cucumber, Imp. White Spine.
Lettuce, Hanson.
Melon, Musk, Christiana.
Melon, Water, Cole's Early.
Onion, Danvers Yellow.
Peas, Nott's Excelsior.
Radish, French Breakfast.
Squash, Marblehead.
Tomato, Earliana.
Turuip, White Egg.

One Package Choice Flower Seeds with Each Collection.

Asparagus, Horse-Radish, Rhubarb Roots, Fruit and Hedge Seeds, etc.

Chufas or Earth Almonds. These grow under ground and are edible, having a fine nut-like flavor. Hogs are very foud of them. Price, postpaid, per pouud, 30 cents; pouud, per express, 22 cents; per package, 5 cents.

Early Giant Argenteuil Asparagus Roots (new). Two years old.....per 100, per express, $1.00; per 1,000, per express, $7.00

Columbian Mam. White Asparagus Roots, two years old......per 100, per express, 90 cts.; per 1,000, per express, $6.00

Palmetto Asparagus Roots, two years old.....per 100, per express, 75 cts.; per 1,000, per express. $5.50

Moore's Cross-bred Asparagus Roots, two years old.....per 100, per express, 90 cts.; per 1,000, per express, $6.00

Conover's Colossal Asparagus Roots, two years old.....per 100, per express, 70 cts.; per 1,000, per express, $5.00

Horse-Radish Sets.....Price, per express, per 100, $1.00; per 1,000, $5 50; per 100, per mail, $1.15

Rhubarb Roots. Linnæus and Victoria.....Price, per express, 15 cts. each; $1 50 per doz.; per mail, 20 cts. each; $2.00 per doz.

Rhubarb Roots Mammoth. Mammoth in size, quality fine. We have fine stocks of these. Each, postpaid, 35 cts.; $2.75 per doz., postpaid; per express, 20 cts. each; $2.00 per doz.

Prickley Comfrey Roots. For fodder for cows, horses and sheep.....Price per doz, postpaid, 30 cts.; per 100, $1.00

Spearmint and Peppermint Roots. Also **Tansy Roots.** Recalliug our grandmother's gardens.....Each, per bunch, postpaid, 20 cts.

Holt's Mammoth Sage Roots. These grow to double the size of the commou sort; perfectly hardy.....Per root, postpaid, 20 cts.

Apple Seed.....Price, per pouud, postpaid, 60 cts.; per quarter pound, 18 cts.; per ouuce, 10 cts.; per package, 5 cts.

Pear Seed.....Price, per pound, postpaid, $2.00; per quarter ponnd, 60 cts.; per ounce, 20 cts.; per package, 10 cts.

Berberry. For prices see page 39. Excellent for hedges, the fruit makes a popnlar preserve.

Yellow Locust. Honey Locust. Osage Orange. Each, per pound, postpaid, 65 cts.; per quarter pound, 18 cts.; per ounce, 10 cts.; per package, 5 cts.

Buckthorn.....Price, per pound, postpaid, $1.25; per quarter pouud, 38 cts.; per ouuce, 15 cts.; per package, 5 cts.

☞As we expect a supply of Paris Golden and Giant Pascal Celery Plants, will Customers wanting kindly write about July 10 and oblige.☜

CHOICE VARIETIES OF FLOWER SEED

WE have aimed to include in our collection of Flower Seeds standard varieties, with the addition of such kinds as have proved a real acquisition in floriculture. Many varieties that are usually advertised separately we have included in a single package under the name of "mixed varieties." Our three warrants we also throw around our Flower Seed, for it is our design that they shall be equally reliable with our vegetable seed. Let us remind our friends that Flower Seed, being for the most part very small, require extra precaution in the preparation of the soil, depth of plantiug, and protection from extremes of cold and wet. Do not, as a rule, plant in the open ground before the weather has become settled; better wait until the middle of May. Before plauting, the soil should be made very fiue and be well enriched. For the smaller varieties, such as pansies, the rows may be from ten to twelve inches apart; the largest upright varieties, such as zinnias and marigolds, the rows should be fifteen to eighteen inches apart; while for running varieties, such as verbenas, the rows may be two feet apart. Seed the size of sweet peas may be planted one and a half to two inches deep; the very smallest seed should be planted barely under the surface, having fine earth sifted over them, and slightly packed with the hand, or a strip of board pressed upon it. It will keep the moisture in and facilitate vegetation if a newspaper is spread over the surface after planting, and kept down with stones for a few days. Thin out the plants when very small, with a bold hand, and after they have attained the height of two inches, thin again boldly. Give each plant plenty of room, according to its habit of growth. A common mistake is to crowd too much. Special rates when large amounts are ordered by clubs. Terms to dealers on application.

The letter "A." annexed to the name of varieties signifies Annual; "B." Biennial; "P." Perennial.

ANNUALS grow, bloom, and die the first year from seed; BIENNIALS bloom the second year from seed, and then die, though many, if sown early in the spring, will flower the first year. PERENNIALS usually bloom the second year from seed, and continue to grow and bloom for many years; some will also bloom the first year if sown early.

FOR NOVELTIES IN FLOWERS, SEE PAGES 7 AND 8.

No. **Abronia Umbrellata.** (A.) Price per pkg.

1 Handsome, trailing plants, with clusters of sweet-scented, rosy pink flowers, resembling the Verbena..... $0.05

Aconitum. (*Monk's Hood.*) (P.)

2 Grows well in any good soil, even when in the shade..... .05

Acroclinium. (A.)

Beautiful everlasting flowers. Cut when they begin to expand.

3 **Acroclinium, Double, Mixed.**..... .05

Adlumia Cirrhosa.

(*Mountain Fringe.*) (B.)

4 An attractive climber, with beautiful feathery foliage resembling the Maiden Hair Fern. Flowers rose colored..... .05

Adonis.

Hardy plants with delicate foliage, flowering freely and of easy cultivation.

5 **Adonis Estivalis.** (A.) Deep crimsou..... .05

6 —— **Vernalis.** (P.) A charming hardy variety with large yellow flowers, blooming early in spring. .05

Ageratum. (A.)

7 **Ageratum, Choice. Mixed.** Suitable for pot culture or bedding, bearing in profusion clusters of feathery flowers..... .05

8 —— **Blue Perfection.** Of dwarf, compact growth, flowers large, of a most beautiful amethyst blue: —the darkest color among the larger flowering varieties of Ageratum..... .10

Anemone Japonica Queen Charlotte. (P.)

9 Very hardy and easily growu from seed. Flowers large, semi-double, of the same beautiful shade of pink as the "La France" Rose. .10

No. **Alyssum.** (A.) Price per pkg.

Free flowering plants for beds, edging, etc. Useful for bouquets because of their delicate fragrance.

10 **Alyssum Sweet, Little Gem.** Dwarf and compact, with plants a mass of white from spring until frost..... $0.05

11 —— **Sweet. White.** Per ounce, 25 cts..... .05

12 —— **Saxatile.** (*Hardy Alyssum.*) Beautiful spring-blooming variety, with flowers of a deep pure yellow ..... .05

Amaranthus. (A.)

Ornamental foliage plants. They are most brilliant on poor soil.

13 **Amaranthus Tricolor Splendens.** Very brilliant..... .05

14 —— **Salicifolius.** The leaves change in color from a bronzy green to a brilliant scarlet as the plant attains age..... .05

Ammobium.

(*Everlasting Flower.*) (A.)

15 **Ammobium Alatum Grandiflorum.** Large white-floweriug variety. .05

Arctotis Grandis. (A.)

16 Handsome bushy anuual 2ft. high, flowering abuudantly from early summer until late autumn. The beautiful daisy-like flowers, 2½ in. across, are white shaded with pale lilac aud zoued with yellow..... .10

Asparagus Plumosus Robustus.

17 The fronds of this fine ornameutal Asparagus ofteu attain a length of 9 ft., are very dark green and finely feathered. Being of such vigorous growth it yields more sprays for cutting than auy other and is very easily propagated..... .20

Arctotis Grandis.

Asters. (A.)

Sow the seed early in the spring, under glass, or in pots in the house, and transplant into rich soil one foot apart.

No. | Price per pkg.

18 **Aster, Phœnix "Little Maid."** A new class resembling the Victoria in growth, height and shape, but the flowers, which are produced in great abundance, although quite equal in size to the Victoria, **never show any inclination to be yellow in the centre.** This new introduction deserves by right the name of "Little Maid," for a more charming and lovely coloring—white with a slight touch of pink—it would be difficult to imagine..... $0.10

19 **Aster, Christmas Tree.** On account of its branching habit, this Aster is the most striking among the many varieties. The branches are horizontal; the plants attain a height of 20 in. and measure 24 to 28 in. in diameter at the base. Early and very profuse flowering, many plants having from 70 to 100 well-developed flowers. This effective aster is beautiful as a single plant in beds, or for pot culture..... .10

20 **Aster, Daybreak.** A very compact, strong grower. Flower large; color delicate light pink, almost identical with Daybreak Carnation ..... .10

21 **Aster, Semple's Giant.** Flowers very large, four to six in. across, broad petals. Colors range from white to pink lavender. Much in demand for floral exhibitions..... .10

22 **Aster, Japanese Tassel. Mixed.** A new strain, quite distinct from any other variety. The flowers are of immense size, with long petals curiously curled and waved. Plant vigorous, producing quite a number of these enormous flowers ..... .10

23 **Aster, Snowball or Princess.** A beautiful Aster, with quite short and thickly set imbricated petals. A single plant develops as many as thirty pure white flowers, *which remain longer in good condition than any other variety*..... .10

24 **Aster, Ball or Jewel. Mixed.** The petals of this handsome variety are so symmetrically incurved as to give them the exact shape of a ball. Flowers measure two and one-half to three inches across; being borne on long stems, are very useful for cutting... .10

25 **Aster, Washington Needle. Mixed.** Flowers large and double, with curved petals as round as a knitting needle. Free bloomers..... .10

26 **Aster, Mignon. Mixed.** Resembles the Victoria race, but blooms more profusely. Flowers globular and beautifully imbricated, in colors of blue, lilac, rose, carmine, crimson and white..... .10

Comet Aster.

27 **Aster, Queen of Market. Mixed.** Five in shape, and bloom several weeks earlier than any of the tall varieties..... $0.05

28 **—— Queen of Market. Deep Scarlet.** Flowers very double $0.15

29 **Aster, Boston Florists', White.** The best and purest white grown for florists' use or bedding. Very double and globular in form..... .10

Aster, Truffaut's Pæony-flowered Perfection. The flowers of this fine class are perfect in form, size and fullness. Petals incurved.

30 **—— Truffaut's Snow White** .10

31 **—— —— Fiery Scarlet**..... .10

32 **—— —— Dark Blood-red**..... .10

33 **—— —— Black-Blue**..... ... .10

34 **—— —— Finest Mixed**..... .05

Aster, Comet. (*See Cut.*) A beautiful distinct variety, with long, wavy and twisted petals, resembling the Japanese Chrysanthemums; well-grown plants produced from 25 to 30 perfectly double flowers, measuring from 3 to 4 in.

35 **Aster, Comet.** Sulphur Yellow .10

36 **——Giant Comet. The Bride.** White changing to rose. Unsurpassed in delicacy of coloring and elegance of form.. .10

37 **—— Giant Comet. Mixed**.... .10

38 **—— Comet. Dwarf White.** The plant does not exceed 7 in. in height, while its beautiful pure white flowers attain a diameter of four inches, making it valuable as a bedding and pot plant. The flowers open at the beginning of July, even before the "Queen of the Market;" it is therefore the earliest of large flowering white asters..... .10

39 **——Comet. Dwarf Rose**..... .15

Aster Washington. Very large flowering, extra double; fine for exhibition purposes

40 **—— Washington, Pure White**.. .15

41 **—— —— Peach Bloom**..... .15

42 **—— —— Silver Gray**..... .15

43 **—— —— Mixed**..... .10

44 **Aster Victoria. Finest Mixed.** An unrivalled and favorite class, of which we have a very fine strain; flowers large and perfectly double, of globular shape .10

45 **Aster, Pyramidal, Large and Double.** Similar in style to the Pæony variety, but more branching, with splendid, extra double flowers..... .10

46 **Aster, Giant Emperor. Mixed.** Flowers few, very double, often 4 in in diameter..... .10

47 **Aster, Perfection.** Light Yellow .10

48 **Aster, Goliath.** Of extremely vigorous growth, forming large bushes covered with double flowers, immense in size. The seed which we offer is a fine mixture of white, rose, dark blue, ash gray and crimson.. .10

Triumph Aster.

49 **Aster, Ray.** (See Cut.) **Dark Blue.** Flowers beautiful in color, 5 in. in diameter, with long needle-shaped petals coming out like rays from the centre of the flowers..... .15

50 **Aster, Betteridge's. Quilled Sulphur Yellow.** Flowers very double ..... .05

Aster, Triumph. (See Cut.) Beautiful dwarf asters, with large incurved flowers. Especially recommended for pot culture or dwarf groups.

51 **—— Triumph White. Dark Scarlet and Dark Blue Mixed** ..... .10

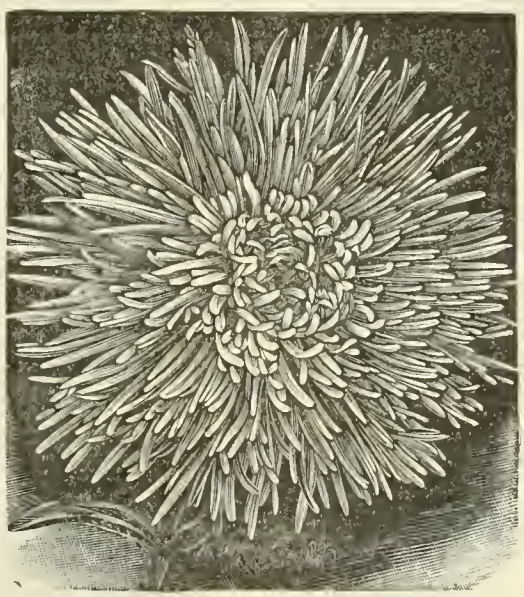
52 **—— Midsummer Triumph. Dark Scarlet.** Differs from the well-known Triumph Aster, in that it commences to bloom the last of June, is in full bloom from the middle of July, and continues to flower for a long period..... .10

53 **Aster, Dwarf. Fiery Scarlet** .10

54 **Aster, Boltze's New Dwarf Bouquet, Mixed.** About 8 in. high, very double, rich and free flowering; fine for pots or beds.. .05

55 **Aster, All Varieties Mixed.** Tall and dwarf, great variety of colors .10

56 **Aster, Single Flowering.** A new variety of vigorous growth and very fine colors. Flowers are 3 to 4 in. across; invaluable for decoration because of their graceful beauty, long stems and long life after cutting. Bloom early in August; flower in great profusion until frost. Dark Violet, Violet, Pink, Apple Blossom Mixed.... .15



Ray Aster.

Arabis, Alpena Compacta.

57 Hardy, herbaceous plant, with pure white flowers; blooms very early in the spring; fine for borders, desirable for cemeteries .05

Aristolochia.

(Dutchman's Pipe). (P.)

58 A beautiful hardy climber. Leaves large and luxuriant, flowers brownish yellow, in shape resembling a pipe..... .05

Balloon Vine. (A.)

59 Ornamental climbing plant, remarkable for an inflated membraneous capsule from which it derives its name..... .05

Customers' Selection of Asters. Any three 10 ct. packages for 25 cts.; any six 10 ct. packages for 45 cts.

No. Price per pkg.

Balsams. (A.)

Beautiful, half-hardy annuals, from 1½ to 2 ft. in height. Sow the seed early in frames, and transplaut to a well-enriched border.

60 **Balsams. Improved Camelia-flowered.** Finest Mixed. Flowers very large, and extra double..... $0.10

61 —— **Improved Camelia-flowered White Perfection.** Pure white, with large *very finely* formed double flowers. The plant with its stems thickly crowded with snow-white blossoms, produces a magnificent effect..... .10

62 —— **Dwarf Spotted. Finest Mixed**..... .05

63 —— **Double, Very Fine. Mixed.** Rich, effective and popular..... .05

64 —— **Double, Rose-flowered.** Very Double. Splendid Mixture..... .05

Begonia. (P.)

Tuberous Rooted Varieties. (See Shrubs.) It is impossible to over-estimate the value of these magnificeut flowering plants. In colors ranging from pure white to deep, rich crimson, they make a gorgeous display, excellingthe most vivid Geraniums.

65 **Tuberous Rooted Single.** Splendid mixture..... .15

66 —— —— **Double. Mixed.** Splendid quality, saved from a choice, rich collection.... .30

Bird of Paradise.

67 The foliage of this beautiful plant is very decorative, similar to a delicate Acacia. The flowers are of a rich golden yellow, 2½ in. across, growing in very large trusses. The most attractive part of the flower is the large, bright crimson pistils which are spread out in fan-like form. If seeds are started early plants will bloom first year.. .10

Calceolaria. (P.)

Flowers highly decorative: very desirable, indeed, invaluable for the house, greenhouse and the garden. Seeds should be started in pots, but not under glass.

68 **Calceolaria Tigridus.** A spotted variety, extra fine..... .25

Calendula. (*See Marigolds.*)

Canary Bird Flower. (A.)

69 A highly ornamental creeper, with exceedingly beautiful yellow fringed flowers, and finely divided foliage..... .05

Canna.

The beauty of these extremely ornamental foliage plants is greatly enhanced by the brilliancy of the flowers, of all shades of orange, yellow, crimson and vermilion, and many varieties are beautifully spotted. If sown in February, in hot-beds or pots in the house, will bloom in August. Cut seed at one of the points, soak several hours iu hot water.

70 **Canna Variegata.** The leaves are of a light green, thickly splashed, lined and barred with red and yellow, and margined with a clear, crimsou color. Flowers brilliant scarlet. $0.10

71 —— **Crozy's New Hybrids**..... .10

Saved from the most beautiful new varieties, mostly dwarf, early bloomers, and very remarkable for beauty, size of flowers and foliage; capital class for pots and forcing.

72 —— **Extra Choice. Mixed**..... .05

Candytuft. (A.)

A well-known, hardy annual, very useful for bedding and houquets, and also for pot culture.

73 **Candytuft, Little Prince.** A charming new dwarf variety, growing 4 in. high, with large spikes of pure white flowers. .10

74 —— **Rose Cardinal.** A very strikiug and rich color..... .05

75 —— **Empress.** Strong, free-growing, with candelabra-shaped branches, producing immense trusses of pure white flowers. .05

76 —— **Mixed**..... .05

Canterbury Bells. (B.)

Very ornamental, growing about 2 ft. high, producing beautiful, large, bell-shaped flowers, which make a glorious display when planted in large beds.

77 **Canterbury Bells.** Single, hlue and white mixed..... .05

78 —— —— **Double. Mixed**..... .05

"Cup and Saucer" Canterbury Bells.

(*Campanula Calycanthema.*) (*See Cut.*)

A beautiful variety, vigorous and symmetrical in growth; often has thirty to forty large handsome flowers open at the same time on one stalk.

Candytuft, Little Prince.

Canterbury Bells.

No. Price per pkg.

79 **Calycanthema. Splendid Mixed**..... $0.10

Centaurea. (A.)

80 **Bachelor's Button or Centaurea Cyanis.** A showy, hardy annual succeeding well in any soil, and hearing a profusion of flowers in shades of pink, hlue and purple..... .05

81 **Centaurea Margaret.** Large, fragrant flowers; produced on long stiff stems they are fine for cutting and decoration. .05

82 —— **New Giant Imperial.** The hest yet introduced. Grows 4 ft. high, of enormous dimension, covered with large, very fragrant flowers of an infinite variety of color..... .10

Centrosema Grandiflora.

83 A hardy perennial vine of exquisite beauty, blooming the first year from seed. Flowers about 2 in. in diameter, ranging in color from a rosy violet to a reddish purple, with a broad feathered white markiug through the centre, while the large buds and back of the flowers are pure white, making a striking and beautiful contrast. Seeds should be soaked in hot water before planting... ..... .05

Chrysanthemums. (A.)

Handsome hardy annuals produciug quantities of large flowers of striking colors, making a brilliant display.

Single or "Painted Daisy" Varieties.

84 **Chrysanthemum Chameleon.** The ground color of the flower is a light coppery hronze with a bright purplish-crimsou zone, the purple disk being surrounded by a golden yellow circle; in a few days the coppery hronze changes to a clear yellow..... .05

85 —— **Sultan.** A beautiful velvety maroon, with golden rim and fine dark browu centre... .05

86 —— **Golden Wheel.** Flowers golden yellow with purple centres, the quill-shaped ray florets standing out around the disk like the spokes of a wheel..... .15

Double Varieties.

87 —— **Double Yellow.** Flowers inteuse golden yellow, globe-shaped, *extremely double*.... .05

88 —— **Double Fringed. Mixed.** Flowers very double, with exquisitely friuged petals, in great diversity of colors, from white aud yellow to blood-red purple..... .10

Cineraria.

89 Beautiful free-flowering plauts, for greeuhouse and window garden. Flowers large, of rich colors, completely coveriug the plant with a mass of bloom. Finest mixed varieties... .25

Clarkia. (A.)

Pretty hardy annual, ahout 18 in. high, bloomiug from June to September.

90 **Clarkia. Single. Mixed**..... .05

Clematis. (P.)

Beautiful, hardy climbers, uurivalled for coveriug arbors, fences, veraudas, etc.

91 **Clematis.** Perennial sorts. Fine varieties mixed..... .10

92 —— **Pitcheri.** Brilliaut scarlet..... .10

Clianthus Dampieri. (*Glory Pea.*) (A.)

93 Magnificent plants, with drooping clusters of large, rich scarlet, pea-shaped flowers, 3 in. iu length Each flower is beautifully marked with a black cloud-like blotch. It requires a warm soil, and should he watered sparingly..... .05

Cobea Scandens. (A.)

Magnificent, rapid-growing climbers, with large, bell-shaped flowers adapted for outdoor growth in summer; also for the house and greenhouse. The seed should be started in the house and plauted edgewise.

94 **Cobea Scandens. Purple**..... .10 95 **Cobea Scandens. White**..... .10

Cockscomb Spicata.

No. Price per pkg.

silvery white. The elegant, long-stemmed flowers hold their beauty even in unfavorable weather, and are also fine when dry for winter bouquets $0.15

Coreopsis. (*Calliopsis.*) (A.)

One of the most showy of all annuals, the colors being so striking as seldom to be passed without a remark.

113 **Coreopsis, Drummond's.** Yellow flowers, crimson centre .05
114 —— **Golden Wave.** Very bushy and compact. A mass of bright, golden color from July to October. Flowers 2 in. across, with small dark centres ..... .05
115 —— **Mixed Varieties.** Yellow and brown and velvety brown ..... .05
116 —— **Lanceolata.** (P). The perpetual Golden Coreopsis. Very free blooming and lasting in its golden glory throughout the summer and fall. Unequalled for cutting. .05

Cosmos. (A.)

A very effective autumn flowering plant, with beautiful foliage, growing from 6 to 8 ft. high, literally covered with very large, single, daisy-like flowers, in shades of rose, purple and white. For cutting, this is one of the finest flowers grown. Sow in April in pots or in the hot bed, and transplant one foot apart.

117 **Cosmos. The Bride. Pure White.** The White Cosmos is the most fragrant ..... .10
118 —— **Mammoth. New Fancy Varieties.** In this splendid mixture are monster pink and white flowers, beautiful crimson shade, delicate white and mauve, white daintily tinted and clouded with pink and mauve. Some large, white blossoms have broad plaited petals and piuked edges .10
119 **Early Cosmos. Mixed.** Extra early, bloomiug in July .. .05

Cypress Vine. (A.)

Most beautiful and popular tender climber, with very delicate, fern-like foliage and numerous flowers.

120 **Cypress Vine. Scarlet. Very Brilliant** ..... .05
121 —— —— **White** ..... .05

Dahlia. (P.)

Sow the seeds early in pots or under glass, and transplant to strong, deep, rich soil, and plants will bloom the first season.

122 **Dahlia. Single Varieties.** Splendid mixture. Handsome bedding plants, and extensively used for cutting .... .10

No. Price per pkg.

Coleus. (A.)

Gorgeous colored plants, with variegated foliage; indispensable for ornamental bedding, and fine for pot culture.

96 **Coleus. Fine Varieties. Mixed** $0.10
97 —— **New large-leafed dwarf** Plants grow from 6 to 8 in. in height, producing leaves in great profusion, which vary in color from blackish red to red marbled and spotted .15
98 —— **Hybridus Ornatus.** Splendid large-leaved Coleus with strikingly handsome foliage. The leaves are irregularly spotted and marbled with blackish purple, blood-red, carmine and rose, here and there abundantly sprinkled with white, yellow, green and brown, a beautiful combination of colors ..... .20

Columbine. (*Aquilegia.*) (P.)

Well-known hardy plants, growing about 2 ft. high, blooming in May and June. These beautiful perennials, with their fine foliage and abundance of long-stemmed, graceful flowers rising above it, should be more generally cultivated.

99 **Columbine. Double Mixed.** Very double, in a beautiful variety of colors ..... .05
100 —— **California.** Flowers waxy yellow, large and handsome ..... .10
101 —— **Chrysantha.** (*See Cut.*) A splendid new double-flowering variety. Plants robust, and the numerous branching flower stems are crowned with a profusion of double and semi-double golden yellow flowers ..... .15
102 —— **Long-Spurred, Double Hybrids.** New double flowering California Columbine. The colors range from white and yellow to light and dark blue ..... .20

Convolvulus. (A.)

Beautiful half-hardy climbers, producing an abundance of rich-colored flowers. The dwarf varieties are fine for bedding.

103 **Convolvulus Minor.** (Dwarf.) **Mixed** ..... .05
104 —— **Major.** (*Morning Glory.*) **Fine Varieties Mixed** ..... .05
105 —— **Large-flowering Rochester.** Vines strong, growing quickly 12 to 20 ft. high, with magnificent foliage, leaves measuring 8 to 10 in. across, and remaining on the vine close to the ground during the entire summer. Flowers 4 to 5 in. across, deep violet blue in the throat, blending out to an azure blue, bordered with a wide white band around the edge. The flowers form in clusters of from three to five, from the ground to the top of the vines ..... .05

Japanese Imperial Morning Glories.

106 Flowers 3 in. in diameter, varying in their rich and delicate coloring tints and markings of crimson, blue, white, yellow and brown. Some elegantly spotted with pink, crimson, blue and bronze; others striped, blotched or mottled. Some are frilled or ruffled, and of odd and singular forms, both single and double. Even the foliage varies in striking colors, some leaves green, some rich yellow, or marbled with golden-brown, and splashed with white, silver and green. The vines are of a very vigorous and rapid growth. Mixed, single and double ..... .10

Coxcomb. (A.)

Hardy attractive annuals for bedding and pot culture.

107 **Coxcomb Glasgow Prize.** Fine dwarf sort, with large crimson combs ..... .10
108 —— **Crimson.** Tall, very fine (pure) ..... .05
109 —— **Dwarf Mixed.** Very beautiful ..... .05
110 —— **Feathered.** New, and very fine for bouquets ..... .05
111 —— **Triomph d' Exposition.** Exceedingly beautiful, bearing large, feathery, crimson plumes. Equally effective in groups or as single plants ..... .10
112 —— **Spicata.** (*See Cut.*) A beautiful variety with cylindrical flower spike, 2½ to 4 in. long. The flowers when first opened are of a bright rose tint, changing gradually to a

123 **Dahlia. Single. Perfection or Giant.** A splendid strain. The seed being gathered from the broadest petalled flowers only, reproduces them in a variety of the most splendid colors, among which are many striped sorts ..... .15
124 —— **Double Mixed.** Seeds saved from fine named sorts ..... .10
125 —— **Juarezi.** (*Cactus Dahlia.*) **Splendid Varieties Mixed.** .15
126 —— **Double Gloria.** Perfectly new race in a great diversity of forms. One plant produces its flowers as a double Scabiosa, another as a double Gaillardia, a third as a peony-flowered Aster, the next as a perennial Pyrethrum, another as a double Zinnia, and still another as a rosy red Giant Daisy. Their colors are as rich and varied as in all other classes. Price per package, 15 cts.

Datura. (*Trumpet Flower.*) (P.)

Showy plants, producing very large, sweet-scented, trumpet-shaped flowers. Roots should be removed to cellar in autumn.

127 **Datura. Wright's** White, bordered with lilac. Price per package, 5 cts.
128 —— **Golden Queen** Beautiful, double, yellow flowers, fragrant. If seed is sown indoors in March, plants will bloom in July. From that time on they will be covered with their large and showy flowers. Price per package, 5 cts.

Columbine Chrysantha.

One package each Columbine Double Mixed, Japanese Morning Glory, and Coreopsis Golden Wave for 15c.

Shasta Daisy.

No. **Shasta Daisy.** (P.) Price per pkg.

131 This is one of the creations of Mr. Luther Burbank. It is perfectly hardy, grows anywhere and blooms more abundantly each season. The flowers are very large, a foot or more in circumference, growing on long stems, with two rows of broad, pure white petals and a yellow centre. Per package, 20 cts. Roots, 25 cts. each.

Double Daisy. (*Bellis Perennis.*) (P.)

Charming plants for edgings and dwarf beds, blooming the first year from seed. Thrive well in shady places.

132 **Daisy, Snowball.** Large flowered, pure white, and extremely double, with very long stems, making them valuable for cutting $0.10
133 —— **"Longfellow."** Flowers of unusual size, a dark rose color ..... .10
134 —— **Double. Mixed** ..... .05

Delphinium. (*Perennial Larkspur.*)

Flowers remarkable for their great beauty, diversity of shades, and striking appearance. Desirable for mixed borders. If sown early will bloom first year from seed.

135 **Delphinium Formosum.** Our flowers were 2 in. in diameter by actual measurement, brilliant azure blue in color. Spikes 8 to 10 in. in length ..... .05
136 —— **Elatum** (*Bee Larkspur.*) **Blue.** 2 ft ..... .05
137 —— **Hybridum. Fine Mixed, Splendid** ..... .05
138 —— **Elatum, Semi-Dwarf.** A beautiful new variety, growing about 3 ft. in height. Flowers extra large, in all shades of blue, from the lightest celestial to the deepest indigo. Remarkably fine when in full bloom and worthy a permanent place among our leading perennials ..... .15

Dictamnus. (*Gas Plant.*) (P.)

139 Handsome free flowering herbaceous plants with fragrant foliage. Blooms during June and July, the flowers giving off in hot weather a fragrant volatile oil, which ignites when a match is applied. Fraxinella, showy rosy-pink flowers ..... .05

No. **Eccremocarpus Scaber.** (*See Cut, page 57.*) Price per pkg.

140 A showy, hardy climber, which, because of its very rapid growth, garland-like foliage and profusion of golden yellow blossoms, is excellent for covering walls, trellises, etc. $0.15

Eschscholtzia. (*California Poppy.*) (A.)

A very showy plant, about 1 ft. high, blooming from June until September. Produces a brilliant effect at a distance when grown in a mass. Hardy.

141 **Eschscholtzia, New Giant, "The Golden West."** Flowers very large with overlapping petals, often delicately waved at the edges. In some the orange blotch almost suffuses the whole flower, in others it runs into the yellow in fine pencilled lines; others again have an orange centre with a margin of clear yellow, while the Maltese cross in some of the flowers is very distinct ..... .10
142 —— **Finest Mixed** ..... .05
143 —— **Double Mandarin.** Large double flowers ..... .10

Eternal Flower. (*Helichrysum.*) (A.)

Ornamental in the garden, and desirable for winter bouquets, as they retain their form and color for years, if gathered and dried when first open.

144 **Eternal Flower.** "Firehall." Rich crimson-maroon ..... .05
145 —— —— **Yellow** ..... .05
146 —— —— **Mixed** ..... .05

Euphorbia. (P.)

147 **Euphorbia Heterophylla.** "Mexican Fire Plant." Large, bushy plants growing about 3 ft. high, with very ornamental, dark-green leaves, which, as the season advances, become blazed with scarlet. Sow early in pots or hot bed, and transplant to open ground in May ..... .05
148 —— **Variegata.** "Snow on the Mountains." Leaves edged with pure white ..... .05

Eupatorium. (P.)

149 Shrubby plants, with white graceful feathery flowers ..... .10

Erigeron Auranticus. (P.)

150 One of the earliest flowering perennials, producing stout, many-branched flower stems of about 1 ft. in height, with numerous large flowers, 1½ to 2 in. across, varying in all shades of colorings from white to rose and from yellow to light and deep orange ..... .15

Feverfew. (*Matricaria.*) (P.)

A beautiful half hardy perennial, well adapted for beds.

151 **Feverfew, Double Dwarf.** Flowers large, creamy-colored and very double ..... .05
152 —— **Golden Ball.** About a foot in height. Beautiful quilled flowers of a very rich and intense golden yellow color ..... .10

Flax. (A.)

153 **Flax, Crimson.** Very effective and showy for bedding purposes ..... .05

Forget-me-not. (*Myosotis.*) (P.)

A very pretty, little, hardy perennial, about 6 in. high. Will thrive best in a cool, moist situation, and is well adapted for bedding or rockwork.

154 **Forget-me-not. Distinction.** This variety blooms in two months after seed is sown. Very dwarf and free-flowering ..... .10
155 —— **Blue.** The standard variety ..... .05
156 —— **"Jewel."** There is no Forget-me-not in existence which produces on a long flower stem such a perfectly formed brilliant sky-blue head as the "Jewel" ..... .10

Useful, Fancy and Ornamental Gourds.

We have selected for our mixed variety of gourds all the numerous kinds of the useful, fancy and ornamental sorts. These include the beautiful mock orange, a dish of which would pass anywhere for one of real oranges; the hen's egg, which would pass as readily for a dish of real eggs; the bottle, the double bottle, the dipper, the sugar trough, Hercules' club, etc. The last three named varieties require the full season to mature, and it would be better to start them by mid April under glass or in the house. In very rich ground the small ornamental sorts will be apt to overgrow.

157 **Hen's Egg.** For nest eggs; handy when darning stockings .05
158 **Hercules' Club.** Grows four to six feet in length ..... .05
159 **Sugar Trough.** For holding liquids. They will last years .05
160 **Double Bottle** ..... .05
161 **Dipper.** Used as its name indicates ..... .05
162 **Useful, Fancy and Ornamental.** Mixed Varieties ..... .05

Delphinium Elatum Semi-Dwarf.

Eccremocarpus.

Foxglove. (B.)

No. Price per pkg.

163 **Foxglove, Large Flowering. Spotted and Mixed.** Very ornamental amongst shrubbery, producing tall spikes of showy flowers of purple, rose, white and yellow.. $0.05

Fuchsia. (A.)

Elegant flowering plants, of easy culture in pots for parlor decoration or in the garden. In the gardeu they require a slightly shaded situation. Soil should be rich.

164 **Fuchsia. Finest Varieties. Mixed**..... .15

Gaillardia. (P.)

One of the most showy and brilliaut of garden flowers, fine for bedding and cutting, produciug large flowers of rich shades throughout the summer.

165 **Gaillardia. Single, Grandiflora Splendid Mixed**..... .05

166 **——Picta Lorenziana, Double.** Flowers very double, of various shades, orange, claret, amarauth, sulphur, etc..... .05

Geranium. (A.)

167 **California Giant Flowering Hybrids.** A strain of seed saved from fine new Improved Hybrids. Flowers very large, of the most perfect forms with splendid trusses. The colors are all shades of scarlet, crimson, rose, pink, salmon, cream, veined piuk, blush, pure snowy white aud all the new aureole types with lovely rings and whitc eyes. If started early in the house will make flowering plants the first year..... .15

Globe Amaranth. (A.)

Tender Annuals about two feet high, very ornameutal in the garden. The flowers will retaiu their beauty for a long time if gathered and dried as soon as they are open.

168 **Globe Amaranth. Variegated and Mixed**..... .05

Gloxinia. (P.)

A superb class of greeuhouse and indoor plants, producing. in great profusion, elegaut flowers of the richest and most beautiful colors. They are quite easily grown from seed. Sow in March on the surface, in a warm, moist atmosphere; transplant iuto shallow pots when the second leaf appears. Allow plants to rest through autumn and winter, giving little water, repot in the spring and water freely; will blossom secoud season.

169 **Gloxinia. Grandiflora. Mixed**..... .25

170 **——Hybrid Grandiflora. "Coquette."** A grand addition to all the well-known Gloxinias on account of its beautiful yellow throat. The flowers are mostly tinged in three lovely colors, which vary on the different plants from pale-blue, mauve to dark blue; from pink, mauve-pink to dark-red, thus producing a fine effect. Come perfectly true from seed..... .20

Godetja. (A.)

Very attractive hardy annuals, about one foot high. Flowers of a beautiful satiny texture.

171 **Finest Mixed**..... .05

Grasses, Ornamental.

Very desirable for bouquets, both for summer and winter. For winter use, cut about the time of floweriug, tie up iu small bunches, and dry in the shade.

No. Price per pkg.

172 **Grass, Ornamental. "Job's Tears."** (A.) This well-known variety of tropical grass is so called from the appearauce of its shiny, pearly fruit, which resembles a falling tear. Half hardy..... $0.05

173 **——Quaking.** (A.) A graceful shaking grass..... .05

174 **——Pampas.** (P.) The most stately and magnificent ornamental grass in cultivation, producing numerous, loug, silken plumes of flowers. Flowers the second seasou; cover carefully during wiuter..... .10

Gypsophila Paniculata. (P.)

175 Remarkably hardy plauts 1½ ft. high, growing well in any soil aud flowering profusely in graceful sprays of fiue white. Much esteemed for bouquets..... .05

Heliotrope. (A.)

Well-kuown, deliciously fragraut plants, excelleut for bedding purposes or pot culture.

176 **Heliotrope Mixed**..... .10

177 **——New Mammoth.** Very sturdy and branching, producing *immense* umbels of light and deep violet flowers. The delicious perfume of this novelty far exceeds the well-known Giant sort..... .15

Helipterum. (A.)

178 **Helipternm Sanfordi.** A variety of everlasting flowers, of great beauty; of dwarf, tufted habit; producing large, globular clusters of bright golden-yellow flowers..... .05

Hibiscus. (P.)

179 **New Perennial Hibiscus. Crimson Eye.** (*See cut.*) See shrubs.
A robust grower, with dark red stems and foliage. Flowers immense, often measuring 20 in. in circumfereuce, pure white, with a large spot of deep velvety crimson in the center of each flower. Will succeed anywhere, and is perfectly hardy..... .05

Hollyhocks. (P.)

Seeds should be sown in Junc or July to have flowering plants the next summer; or, if sown iu the house early in the spriug, they will bloom the first year.

180 **Hollyhocks, Chater's Improved Double. Mixed**..... .10

181 **——Snow White**..... $0.15 **183 Rose**..... .15

182 **——Sulphur Yellow.** .15 **184 Purple**..... .15
Seed saved from onc of the finest collectious, and will produce very large double flowers of striking beauty.

185 **——Tall Double. Mixed**..... .05

Humulus. (A.)

186 **Hnmulus Japonicus.** (*Japan Hop.*) Of very rapid growth, with luxuriant foliage, making a dense covering; beautiful wheu plauted singly; also suitable for covering trellises, etc..... .05

187 **——Variegatis.** Leaves beautifully blotched and variegated with silvery white, yellowish green and dark green..... .10

Ice Plant. (A.)

188 A singular looking, tender annual, with thick fleshy leaves that have the appearauce of being covered with crystals of ice..... .05

Impatiens Sultani. (*Sultan's Balsams.*) (P.)

189 A perennial balsam of compact growth, producing almost continuously charmiug bright, rose-colored flowers..... .10

New Hibiscus, "Crimson Eye."

Mignonette Orange Queen.

No. **Ipomea.** (A.) Price per pkg.

Very beautiful and popular climbers; deservedly so from the fine foliage and the brilliant and varied hues of its many flowers. Fine for covering old walls, stumps of trees, etc.

190 **Ipomea Bona Nox.** (*Evening Glory.*) Allied to the Morning Glory, but differs from it, choosing the evening for its time of blooming. Flower pure white, deliciously fragrant, and very large. Soak seed in hot water several hours before planting $0.10
191 —— **Mexicana Grandiflora Alba.** Large white flowers with a delicious fragrance ..... .10
192 —— **Large-flowering. Mixed** ..... .05

Lantana. (P.)

193 This showy greenhouse plant forms a small bush, covering itself with pink, yellow and orange flowers, and also flowers of changeable color. Start in the house. Fine varieties mixed ... .10

Larkspur. (A.)

Very beautiful; hardy annuals, producing dense spikes of flowers, which are very decorative, either in the garden or when cut for vases. Set 10 in. apart.

194 **Larkspur Stock-flowered.** Tall-branching, finest mixed ..... .05
195 —— **Emperor Double. Finest Mixed.** Very beautiful variety, producing long spikes of flowers in the most delicate colors ..... .05
196 —— **Giant Hyacinth-flowered.** An improved type ..... .05
197 —— **Tall Rocket, Double, Mixed.** Plants large and showy ..... .05
198 —— **Dwarf Rocket, Double, Mixed** ..... .05

American Lavender.

199. Both flowers and foliage are very fragrant and retain their pleasant odor after being dried, making the plant useful and delightful for wardrobes, etc. ..... .05

Leptosiphon. (A.)

200 **Leptosiphon. Mixed.** Colors dark maroon, orange, lilac, purple, crimson, violet, golden, yellow and white. Desirable for edgings and rockwork ..... .05

Linaria. (A.)

201 **Linaria, Royal Purple.** The nearest approach in general effect to Purple Heather ..... .10
201½ —— **The Pearl.** The plants are completely covered with the beautiful white snapdragon-like blossoms almost hiding the foliage; fine for beds and borders. Cut flowers keep fresh in water for weeks ..... .15

No. **Lobelia.** (A.) Price per pkg.

Strikingly pretty, profuse blossoming plants; the delicate, drooping habit of the Erinus varieties renders them fine for hanging baskets, while the compact sorts, forming little mounds of bloom, are splendid for beds, edgings, etc.

202 **Lobelia Erinus. Mixed.** Blue, white, and blue and white marbled $0.05
203 —— —— **Double. Mixed.** An acquisition ..... .10
204 —— **Compacta. Crystal Palace. Dark Blue.** Fine for edgings and beddings ..... .10
205 —— —— **Golden Queen.** Yellow foliage and bright blue flowers ..... .05
206 —— **Cardinalis.** (P.) (*Cardinal Flower.*) Hardy perennial with long spikes of brilliant scarlet flowers, unrivalled for permanent bed or border ..... .10
207 —— **Cardinalis Grandiflora.** (P.) Flowers of brilliant scarlet twice as large as the common sort. Plants branch freely, and when in full bloom measure 4 ft. in height ..... .30

Love-in-a-Mist. (*Nigella.*) (A.)

208 A curious plant about 1 ft. high, with finely cut leaves and single flowers ..... .05

Love-lies-bleeding. (*Amaranthus Caudatus.*) (A.)

209 Hardy annual, 3 to 4 ft., pendant spikes of blood-red flowers. .05

Lupins. (P.)

210 **Lupins. Mixed.** Showy hardy plants from 2 to 3 ft. high, producing spikes of attractive flowers ..... .05

Marvel of Peru. (*Mirabilis.*) (A.)

211 The old and well-known *Four O'Clock.* Fine plant, flowers various colors, making a fine summer hedge, set 1 ft. apart .05

Marigold. (*Targetes.*) (A.)

Extremely showy, 1 to 2 ft. high, well adapted to garden culture, blooming profusely through the season.

212 **Marigold, French** ("*Carter's Butterfly.*") A beautiful variety with alternate petals of velvety purple-brown and old gold $0.05
213 —— **Legion of Honor.** Plants about 8 in. high, blooming from July until frost. Flowers single, of a beautiful, rich, golden-yellow with large blotches of velvety-brown ..... .05
214 —— **African.** (*El Dorado.*) (*See Cut.*) Flowers 3 in. in diameter, in all shades of yellow, lemon, primrose, gold and deep orange. ..... .05
215 —— **Calendula, Prince of Orange.** Flowers striped with an inteuse, glowing shade of orange ..... .05
216 —— —— **Meteor Large-flowered.** Flowers dark orange red, *double, very large* .10
217 —— **African.** The old-fashioned sort, greatly improved in size ..... .05
218 —— **French** ..... .05

Mignonette. (A.)

A general favorite on account of its delightful fragrance. Blooms throughout the season. Sow from middle of April to middle of June. Most fragrant on poor soil.

219 **Mignonette, Myles' Hybrid Spiral.** Plant dwarf and branching; flowers white, very fragrant, spikes 8 to 14 in long. Fine for outdoor or pot culture. .05
220 —— **Orange Queen.** (*See Cut.*) An ideal Mignonette. The growth is dwarf and compact, leaves thick and of a fine green. The enormous spikes are closely filled with large flowers of a beautiful orange color, very fragrant ..... .15
221 —— **Machet.** Plants dwarf and vigorous, of pyramidal growth, with broad spikes of very fragrant red flowers. Fine for pot culture and equally valuable for borders 10
222 —— **Allen's Defiance.** Spikes of remarkable size, and deliciously fragrant, much more so than any other variety and they retain their grace and fragrance until every bud opens ..... .10
223 —— **Sweet** ..... Per oz. .15 .03

Nasturtium. (A.)

No.	Tall Varieties.	Per oz.	
225	**Nasturtium. Tall. Mixed**	.10	.05
226	—— —— **"Vesuvius."** A dazzling fiery rose		.10
227	—— —— **Schenerianum. Straw-colored, striped brown**	.10	.05
228	—— —— **Coccineum. Brilliant Scarlet**	.10	.05
229	—— —— **Dunnett's Orange**	.10	.05
230	—— —— **Atropurpurea. Dark Blood Crimson**	.15	.05
231	—— —— **King Theodore. Maroon**	.15	.05
232	—— —— **Brownish Lilac**	.15	.05
233	—— —— **Madame Gunter.** Remarkable for great richness of color in shades of rose, salmon, bright red and pale yellow; also spotted and striped	.15	.05
234	—— —— **Jupiter.** Rich pure yellow flowers 3½ in. across		.15
	Dwarf Varieties.		
235	**Nasturtium. Dwarf Mixed**	.12	.05
236	—— —— **Prince Henry.** Flowers large, yellow marbled and spotted with brilliant crimson, frequently tipped with dark red	.15	.05
237	—— —— **Ruby King. Carmine**	.15	.05
238	—— —— **Empress of India. Brilliant Scarlet.** Dark foliage	.15	.05
239	—— —— **Chameleon. Crimson, Bronze and Yellow.**	.15	.05
240	—— —— **Rose.** 241 —— —— **Yellow**	.15	.05
242	—— —— **White**	.10	.05
243	—— —— **King of Tom Thumbs. Scarlet,** with bluish-green foliage	.15	.05

For collection of Nasturtiums see page 63.

Lobb's Nasturtium. (*Tall.*)

244 Leaves and flowers not as large as the ordinary tall Nasturtium, but far surpassing them in profusion and brilliancy of flower, making them desirable for trellises, etc.; also for pot culture. Mixed. In great variety of color ..... .15 .05

Marigold El Dorado.

MORNING GLORY. (*See Convolvulus Major.*)

Maurandia. (A.)

A delicate free-flowering climber, for the conservatory or trellis work in the gardeu; also desirable for hanging baskets. Start early in pots, transplant when the weather becomes warm.

No. — Price per pkg.

245 **Maurandia Barclayana. Rich violet** $0.05
246 —— **Mixed. Violet, white, rose and pink** ..... .05

Mimulus. (*Monkey Flower.*) (P.)

A half-hardy plant, of the easiest culture, about nine inches high, producing a profusion of very pretty flowers. It is perennial in the greenhouse, and may be easily propagated by cuttings. Select a moist, rather shaded location.

247 **Mimulus Cardinalis. Scarlet.** From Califoruia; one foot ..... .05
248 —— **Moschatus.** (*Musk Plant.*) Much esteemed for its stroug muusk odor.. ..... .05

Mourning Bride. (*Scabiosa.*) (A.)

A class of beautiful hardy annuals, from one to two feet high; valuable for cutting, as tbey remain a loug time in bloom and do not droop easily.

249 **Mourning Bride. Snow Ball. Pure White.** Very large and extremely double. .10
250 —— —— **Mixed** ..... .05
251 —— —— **Fiery Scarlet.** A new, beautiful, very *large flowering* variety of brilliant color ..... .05

Nolana. (A.)

252 Very pretty, trailing, hardy annuals, fine for rockwork, hanging baskets, or for bedding. Mixed colors ..... .05

Oxalis. (P.)

A splendid class of plants, suitable for hauging pots or rustic baskets. Particularly adapted for the parlor, where they bloom in midwinter. Half-hardy.

253 **Oxalis Rosea. Rose colored** flowers; blooms abundantly ..... .05
254 —— **Tropæloides. Deep Yellow** flowers; brown leaves. . $0.05

Pansy. (*Heart's-ease.*) (A.)

255 **Pansy, Carter's Peacock.** A beautiful aud striking variety. The upper petals are of a beautiful ultramarine, closely resembling the peculiar shade of this color in the featbers of the peacock ..... .15
256 —— **Indigo King.** In our experimeutal gardeu we found tbis new pansy to be of good size, of various shades of dark blue, without spots or markiugs but running to lighter sbade on edge of petals ..... .15
256½ —— **Fiery Faces.** Color, purple scarlet, with yellow margin and yellow eye. The three lower petals are regularly marked with large, velvety purple-black spots ..... .15
257 —— **Woodbury's Finest German. Mixed.** Spotted, marbled, and striped. Unsurpassed iu their almost endless variety of shades and brilliant coloriug ..... .10
258 —— **Cardinal.** Nearest approach to bright red yet attained .10
259 —— **Cassier's Giant.** Gigantic flowers, beautifully blotcbed, and borue well above the foliage on strong stems. A rich and showy strain ..... .15
260 —— **Giant Magnifica.** (*See cut.*) Plants of compact, bushy form with luxuriant foliage. Flowers immense in size, magnificent in varied, brilliant colors and stroug markings, being blotched, veined, striped, edged and blended; petals large, broad and thick, overlapping one another. A novelty of great merit ..... .20
261 —— **Giant Yellow. Spotted.** A new and distinct variety of the five-blotched Cassier tribe; flowers very large, of a pure golden-yellow, with a dark blotch ou each petal ..... .15
262 —— **Masterpiece.** A remarkable new type, the border of every petal being conspicuously undulated and curled, giving them a globular appearance. Flowers are extremely large. There are some tints of color not seeu in other Pansies. Plants vigorous and remarkably free-flowering.. .15
263 —— **Bugnot's Superb Blotched.** Very beautiful, extra large flowers with broad blotches; two upper petals finely lined ..... .15
264 —— **"Lord Beaconsfield."** Color purple violet, shading off in the top petals to a whitish nue ..... .05

Pansy Magnifica.

No. — Price per pkg.

265 **Pansy, Emperor William.** Flowers rich ultramarine blue $0.10
266 —— **Trimardeau, or Giant Pansies. Mixed.** Distinct and splendid race of vigorous and compact growth. Flowers of perfect form, immense size. Extra fine strain .15
267 —— **Trimardeau. Striped.** Extra large flowers, *very fine* .10
268 —— **Trimardeau. Giant Yellow.** Beautifnl and showy .15
269 —— **Pure White** ..... .10
270 —— **King of Blacks. Deep coal black** ..... .05
271 —— **Bronze colored** .... .10 272 —— **Gold margined** .... .10
273 —— **Fine Mixed** ..... .05
274 —— **Gregory's Choice Special Mixture.** This contains selections from tbe very finest varieties, several of which are not listed in this catalogue ..... .20

Passion Flower.

Handsome, rapid-growing climber, for greenhouse or sunny location in the open ground in summer.

275 **Passiflora Cœrulea Grandiflora.** Large flowers of violet and blue ..... .10
276 **Passiflora Gracilis, or "The Fairy Passion Vine."** Dainty and pretty for hanging baskets or pots. Flowers white, 1½ to 2 in. across, followed by seed fruits from 1 to 2 in. in lengtb, at first light green, but, when ripe, they turn bright shining red and burst open, disclosing fiery scarlet seeds. Grows readily from seed, and plants begin blooming when 5 or 6 in. high .....Package of 25 seeds, .20

Perilla, Nankinensis. (A.)

277 Beautiful, dark-green foliage, fine for ribbon plauting or massing ..... .05

Petunia. (P.)

For brilliancy and variety of colors, and the long duratiou of their blooming period, Petunias are iudispensable in any garden, also highly prized for pot culture.

278 **Petunia. Large-flowering Fringed Superbissima Crimson.** The distinguishiug characteristic of tbe Superbissima class of Petunias, is the large, delicately veined throat. This fine feature has now appeared among fringed varieties, adding quite a uniqne beauty which will delight all lovers of Petunias.. .25
279 —— **Hybrid Snowball.** A very dwarf variety, with beautiful, large, satiny-white flowers, coveriug the plant with bloom ..... .15
280 —— **Large-flowering, yellow-throated. Mixed.** The flowers are of large size, of faultless form, with a broad and deep yellow throat, beautifully veined ..... .20
281 —— **Superbissima Nigra.** Gorgeous dark-red flowers, with large jet-black throat. .20
282 —— **Double Rose Fringed.** About 35 per cent of the seedliugs develop into ueat bushes 4 to 6 iu. high, bearing large double and very beautifully fringed flowers of brilliant rose. One of the most perfect double Petunias yet produced ..... .30
283 —— **Vilmorin's Hybrid, Large-flowering Striped.** Flowers beautifully striped, variegated and spotted. Remarkable for rich colors and large size ..... .10
284 —— **Fringed.** Satiny-white blotched with purple crimson ..... .15
285 —— **Fringed and Veined.** Rose veined with black ..... .15
286 —— **Fringed.** Largest flowered, mixed in great variety of colors ..... .15
287 —— **Fine Mixed** ..... .03
288 —— **Giants of California.** Remarkably fine. Flowers very large, in every conceivable shade of crimson, white, violet, lavender, etc ..... .15
289 —— **Howard's New Star.** (*See cut.*) Dark crimson maroon with ricb velvety textnre and clearly defined five-rayed star of blush white. Over eighty per cent of the plants from seed will product the star markings. Others with veined and feathery markings on dark or light gronnd are not less beautiful. Remarkably free-flowering 2 packages for 25 cts ..... .15

Howard's New Star Petunia.

Phaseolus. (A.)

290 **Phaseolus Caracalia.** A beautiful climber for the garden or greenhouse. Flowers bluisb lilac, valued by florists for their delicious fragrance and resemblauce to orchids. Start seed early in pots or under glass ..... .05

Customers' selection of Pansies. Any three 10 cent packages for 25 cents; any three 15 cent packages for 40 cents.

No. **Phlox Drummondii.** (A.) Price per pkg.

In this great variety of rich colors, probably the most brilliant of all annuals. Fine for bedding, making a dazzling show throughout the entire season.

291 **Phlox Drummondii. Mixed Colors**.....per ¼ oz., 15 cts.; oz., 50 cts. $0.05

Large Flowering Varieties.

Magnificent class. Flowers as large as those of the perennial Phloxes.

292 **White**..... $0.08
293 **Deep Purple**..... .08
294 **Bright Scarlet**..... .08
295 **Yellow**..... .08
296 **Large Flowering. Mixed**.. .08

One package each of the four named varieties for 25 cts.

Dwarf Varieties.

297 **Fireball. Very brilliant**... $0.08
298 **Snowball. Fine White**.... .08
299 **Heynholdi. Mixed.** Fine for pot culture... ..... .05
300 **"Bunch of Roses."** Flowers large, of a vivid rose color, centre pure white..... .10

Fimbriata.

301 Petals toothed, beautifully fringed and margined with white. Mixed..... .10

New Star Phlox. (*Cuspidata*) (*See Cut.*)

302 The flowers, with their long pointed petals and broad white margins, have a beautiful, star-like appearance. Many and wonderfully brilliant colors. .05

Physalis Franchetti. (*Chinese Lantern Plant*)

303 A distinct variety attaining a height of 18 to 24 in. Out of the pretty foliage appears the brilliant, orange-scarlet capsules, 2½ in. across, containing fruit like a cherry in shape and color. Popular as a fruit for preserving, and as an ornamental plant for the garden. Grown in pots, it makes a beautiful house plant..... .... .05

New Star Phlox. Price per pkg.

Pinks.

These favorite flowers are unrivalled for brilliancy and variety of color. Very showy for bedding, bordering, etc.

304 **Pink Carnation. Therese Franco.** (P.) Plants robust and compact. Flowers upright, perfectly double, very fragrant, satiny rose, frosted with white, flushed with salmon and sometimes striped with white. We recommend this variety to florists..... $0.20

Price per pkg.

305 —— **Carnation.** (P.) **Double finest mixed.** Colors extremely rich and beautiful..... $0.15
306 **Chabaud's Fancy Everblooming Carnations.** A new strain produced by a carnation specialist. Plants healthy and vigorous, flowering continuously in six months from sowing; hardy enough for garden cultivation. The flowers very large, double and fragrant; mixed .10
307 **Marie Chaubaud.** Pure canary yellow..... .15
308 **McKinley. Chaband's Strain.** Bright scarlet, strongly scented. .15
309 **Maria Immaculata. Chabaud's Strain.** Pure white.... .15
310 **Pink Picotee.** (P.) **Choicest Varieties. Mixed.** Very beautiful, combiniug the most perfect form with the richest of colors.. .20
311 **Margaret Carnation. Mixed.** The plants are very compact and free bloomers. Flowers double, deliciously fragrant, of brilliant colors, ranging through many beautiful shades of reds, pinks, whites, variegations, etc. The seedlings bloom when only five mouths old, and flowers can be had all summer and winter, if some consecutive sowings are made. Seed from the introducer.....Price per pkg. .05

No. **Shirley Poppies.**

312 **Pink. "Guillaud" Strain. Mixed.** This mixture contains a fine variety of colors, including clear yellow and others with yellow stripes. Very fragrant.. .10

Summer Blooming Varieties.

313 **Pink Mourning Cloak.** Large double flowers of a blackish purple, fringed and sharply margined with white..... .05
314 —— **Laciniatus, Tall, Finest Double Mixed.** Magnificent double flowers; very large and beautifully fringed..... .10
315 —— **Heddewig's Double. Mixed.** Large flowers 3 in. in diameter; beautiful, rich colors, finely marked and marbled..... .05
316 —— **Heddewig's Double Fireball.** (*See Cut.*) Bushy plants with fiery red blossoms..... .15
317 —— **Chinese, Finest Double Mixed**..... .05
318 —— **Double Diadem.** Flowers of rich colors, beautifully edged and marbled..... .05
319 —— **Double Imperial. Snowball.** Beautiful fringed flowers of purest white..... .10
320 —— **Double Star.** All the lovely bright colors of the Heddewigii class are represeuted in this, while in shape it is much superior..... .15
321 —— **Crimson Belle.** Magnificent single fringed flowers of a velvety crimson.... .05
322 —— **The Bride.** (*Little Gem.*) Single fringed. White with purplish-red centre. .05
323 —— **Double Fringed and Striped. Mixed**..... .05

Pink Double Fireball.

Poppy. (A.)

324 **Poppy, Glaucum.** (*Tulip Poppy.*) A strikingly beautiful effect is produced by a bed of these brilliant scarlet poppies in full bloom, the colors being of such glowing richness as to perfectly dazzle the eye..... .10
325 —— **English Scarlet.** The common field poppy of England..... .05
326 —— **White Swan.** Flowers of fabulous size, very double, laciniated, and of the purest possible white, and continues longer in bloom than other Poppies..... .05
327 —— **Double Mixed.** Brilliant and showy. Fine for background and shrubbery .05
328 —— **Fairy Blush.** Immense globular flowers; perfectly double, petals elegantly fringed; color pure white, tipped with rose..... .05
329 —— **Crocenm.** (P.) **Orange-yellow.** Large and very double..... .10
330 —— **The Shirley Poppies.** (*See Cut.*) Flowers single and semi-double, in colors extending from pure white through delicate shades of pink, rose and carmine to deepest crimson, and many are delicately edged, shaded and striped..... .10
331 **Dwarf Shirley Poppies.** The delicate round petalled flowers are about 3 in. across, in various shades of light and dark salmon, red and orange, and are often prettily bordered with white..... .15
332 **Iceland Poppies.** (P.) Flowers deliciously fragrant, ranging in color from pure white and yellow to glowing orange and scarlet, flowering in great abundance the first year from seed, and blooming by the first of May the following spring .10
333 —— —— **New Striped.** Although the percentage of true plants from seed is not higher than 30 to 40 per cent, the striped flowers of this new variety are so beautiful that we do not hesitate to offer the seed..... .10

Customers' Selections of Pinks. Any three 10 cent packages for 25 cents; any six 5 cent packages for 25 cts.

No. **Portulaca.** (A.) Price per pkg.

Sow early, in warm, light soil, and thin plants to 4 in.

334 **Portulaca Single. Mixed**.....per ounce, 40 cts. $0.05
335 —— **Large-flowered. Double**..... .05

Primula. (P.)

Beautiful, low-growing, spring-flowering plants, for borders or pot cultnre. The flowers are borne in clusters on stalks 4 to 8 in. high. The English Primrose is perfectly hardy; other varieties should be protected over winter.

336 **Primula Sinensis.** (*Chinese Primrose.*) Splendid mixed. .15
337 —— **Vulgaris.** (*English Primrose.*) The old favorite yellow Primrose..... .05
338 —— **Elatior. Mixed.** (*Polyanthus.*) Early blooming, for spring beds or pot culture..... .10

Pyrethrum. (P.)

339 **Pyrethrum. Mixed.** Flowers, both single and double, in great variety of colors. Extremely showy, easy to grow, hardy, and invaluable for cntting. It cut down after flowering in June will flower again freely in September... .05
340 —— **Hybridum Roseum Grandiflornm.** Fine large Pyrethrum, flowers often reaching 4 in. in diameter; beautifnl variations of color between light rose and deep carmine .15

Ricinus. (*Castor Oil Plant.*) (A.)

A highly ornamental, half-hardy annnal, growing from 4 to 6 ft. high, presenting quite a tropical appearance. Select warm, dry soil, and plant 6 ft. apart.

341 **Riciuns Zanzibariensis.** (*Zanzibar Castor Beans.*) (*See Cut, page 62.*) Very showy, with gigantic leaves, which range from brilliaut coppery-bronze to light and dark green; the ribs also are of bright colors, making a beantiful contrast with the leaves. 15 seeds..... .05

Rodanthe. (A.)

A beautiful and charming everlasting flower. The flowers when gathered as soon as opened, are very desirable for winter bouqnets, retaining their brilliancy for months.

342 **Rodanthe Maculata, Single. Mixed**..... .05

Rudbeckia, Bi-color, Superba. (A.) (*See Cut.*)

343 This fine new Rudbeckia grows about 2 ft. in height, forming a many-branched, dense bush, producing its long-stemmed flowers in greatest abnndance. Flowers are yellow, with large, velvety-brown spots at the base..... .10

Salpiglossis, New Emperor. (A.)

344 This new variety forms only one leading stem which bears on its snmmit a bouquet of the most beantiful flowers, every one of them richly veined with gold, and much larger even than those of the grandiflora type..... .10

Salpiglossis Grandiflora. (A.) (*See Cut.*)

345 Flowers 2 to 3 in. in diameter, vividly marked, spotted, and striped on ground colors of deep blue, rose, violet, yellow, reddish bronze, purple, etc. In rich coloring they vie with Orchids. Very effective in sunlight, which brings out the beautiful tints and veinings. Start early in hotbed, transplant to light, warm, rich soil. In mixed colors..... .05

Salvia. (P.)

Very ornamental plants, 2 ft. high, producing tall spikes of gay flowers. Sow early in hotbed, or in pots in the house, and transplaut 2 ft. apart. Half hardy.

346 **Salvia Coccinea.** Splendid scarlet..... .05
347 —— **Bonfire.** Fine for bedding; grows about 2½ feet high, forming handsome globnlar bnshes, producing long spikes of brilliant, dazzling scarlet flowers. Blooms the first year. .10

Salpiglossis.

Rudbeckia.

No. **Sanvitalia.** (A.) Price per pkg.

348 Beautiful dwarf-growing plants densely covered with perfectly donble golden flowers, of great value for beds and borders..... $0.05

Schizanthus. (*Poor Man's Orchid.*) (A.)

349 **Schizanthus.** Dwarf large-flowering plants grow about 12 in. in height, literally covered with large, beantiful orchid-like flowers, which are exqnisitely marked and range in all shades from white to pink and blne, spotted with red, yellow and brown. Start in the house and transplant when weather is suitable. A sowing made in the autumn, pntting three to five plants in a pot, will give an abnndance of bloom through the winter..... .15

Silene. (*Catchfly.*) (A).

Hardy plants flowering in great profusion throughout the snmmer. The Annnal Silenes can be specially recommended for autumn sowing, as they will then produce a most effective show in the spring garden.

350 **Silene Mixed**..... .05
351 —— **Bijou.** (*See Cut.*) Flowers extra double, of a brilliant salmon rose..... .15
352 —— **Asterias Grandiflora.** (P.) Hardy perennial variety, bearing in great profusion upright flower stalks, each carryiug a large globular head of crimsou scarlet flowers .15

Smilax. (P).

353 No climbing plant surpasses this in beauty and grace of foliage. Extensively used for bouqnets and floral decorations .05

Snapdragon. (*Antirrhinum.*) (P.)

An old garden favorite of easiest culture; very showy, flowering the first season from seed, yielding an abundance of fine flowers for cutting.

354 **Snapdragon. Tall. Mixed**..... .05
355 —— **Majus Grandiflorum. Mixed.** A new strain with very large flowers. We offer splendid mixtnre, containing great variety of rare and remarkable shades not hitherto seen in the old collections .10
356 —— **Black Prince.** The flower spikes are of a velvety black with intense purple reflex, with golden-yellow anthers peeping over the black palate of flower like two fiery eyes..... .15
357 —— **Dwarf Golden Leaved "Sunlight."** Foliage of intense glossy canary yellow. Flowers rosy-white, regularly spotted and striped with carmine, a delicate tint that is very effective with beautiful foliage. Seeds produce about 65 per cent of true yellow-leaved plants .15

Silene Pendula Double "Bijou."

Stocks.

Half-hardy annnals, producing splendid spikes of very rich and beantiful flowers of delightful fragrance. For early flowering sow early in spring in pots or in hotbed, and transplant one foot apart. Bloom from June until November.

358 **Stocks, Princess Alice.** Snow white. This variety, also known as "Cut and Come Again," and "White Perfection," grows about 2 ft. high, is of very branching habit, and produces in great abundance very large, beautiful, pure white flowers, which are replaced as they are cut..... .10
359 —— **Victoria, Ten Weeks.** (*Deep blood-red.*) Every plant forms a perfect pyramidal-shaped bouquet, covered with beautiful, bright, fine double flowers..... .10
360 —— **Dwarf. German. Finest Mixed**..... .05
361 —— **Ten Weeks. Double. Mixed**..... .05
362 —— **Dwarf. Large-flowering. Finest Mixed.** Very Double. One of the finest stocks in cultivation..... .10

Large Flowering Sweet Peas.

☞We have discarded the small flowering sorts and selected the following varieties from a list of nearly two hundred as being among the finest for size, form and color.☜

These well-known universal favorites have been much improved, the last few years, in size and variety of colors, and for beauty and fragrance cannot be surpassed, embracing, as they do, every shade of color most delicately tinged and variegated. Sow in drills *as early as possible in the spring* in *rich soil.* Make a furrow 6 in. deep, sow the seed, and cover about 2 in. As soon as the plants begin to show, fill in the furrow. This deep planting will enable the vines to stand the heat of summer. By cutting the flowers before they fade, thus preventing pods from forming, the blossoms may be continued the whole season.

No.		Price per pkg.
363	**Sweet Peas. Emily Henderson.** Flowers extra large, very fragrant and absolutely pure white. Remarkable for earliness and long-continued bloom; ¼ lb., 20 cts.; per oz., 8 cts.	$0.05
364	—— **Extra Early Blanche Ferry.** Large pink and white flowers: ¼ lb, 20 cts.; per oz., 8 cts.	.05
365	—— **Gray Friar.** Beautiful watered purple on white ground: per oz., 10 cts.	.05
366	—— **America.** Bright blood-red stripe on white ground: per oz., 10cts.	.05
367	—— **Snuproof Salopian.** The finest scarlet sweet pea: per oz., 12 cts.	.05
368	—— **Maid of Honor.** White edged with blue: per oz., 10 cts.	.05
369	—— **Senator.** Light brown and chocolate, shaded and striped on white: per ¼ lb., 25 cts.; oz., 10 cts.	.05
370	—— **Bride of Niagara.** (Double.) Clear pink and white: per oz., 12 cts.	.05
371	—— **Blanche Burpee.** Pure white, of most exquisite form, immense in size; a wonderfully free bloomer: per ¼ lb., 25 cts.; per oz., 10 cts.	.05
372	—— **Black Knight.** Very deep maroon. One of the darkest varieties: per oz., 10 cts.	.05
373	—— **Lovely.** Flowers large, of a soft shaded shell pink: per oz., 12 cts.	.05
374	—— **Crown Jewel.** Cream-primrose ground, shaded and veined with violet-rose: per oz., 10 cts.	.05
375	—— **Mrs. Eckford.** Beautifully shaded primrose yellow, the best yellow up to date: per ¼ lb., 25 cts.; oz., 10 cts.	.05
376	—— **Lady Grizel Hamilton.** The largest and the lightest shade of lavender varieties: per oz., 12 cts.	.05
377	—— **Monarch.** Deep purplish maroon: per oz., 12 cts.	.05
378	—— **Lottie Eckford.** White, suffused with lavender: per oz., 12 cts.	.05
379	—— **Aurora.** Orange, rose tiuted and striped: per oz., 12 cts.	.05
380	—— **Lord Kenyon.** Bright rose pink, heavily shaded at the edges with distinct richly colored veinings: per oz., 10 cts.	.05
381	—— **Countess Cadagan.** Bright blue, very attractive in shade, and of fine form: per oz., 10 cts.	.05
382	—— **Burpee's Earliest of All.** The very earliest of all Sweet Peas, ten days in advance of extra early Blanche Ferry, and the best of the pink and white type of flowers: per oz., 10 cts.; ¼ lb., 20 cts.	.05
383	—— **Lady Mary Currie.** One of the best of the rich orange tinted varieties: per oz., 10 cts.	.05
384	—— **Navy Blue.** Deep, glowing, violet purple, having the effect of dark navy blue: per oz., 10 cts.	.05

Ricinius Zanzibariensis.

Single Annual Wallflower.

No.		Price per pkg.
385	**Sweet Peas. Meteor Deep Gilt.** Per oz., 10 cts.	.05
386	—— **Sadie Burpee.** (Black seeded.) White with delicate pink flush in the standard when first opened.	.05
387	—— **Countess of Lathom.** Soft cream-tint, heavily shaded with flesh pink, giving a coppery rose effect to the flower: per oz., 10 cts.	.05
388	—— **Dwarf Cupid. White.** Fine for pot culture: per oz., 12 cts.	.05
389	—— **Dwarf Cupid. "Royalty."** Flowers beautiful deep pink of extra large size. The Cupid varieties are well adapted for bedding.	.10
390	—— **Eckford's Large Flowering Hybrids. Mixed.** Per lb., express, 47 cts.; per lb., postpaid, 55 cts.; per ¼ lb., 18 cts.; per oz., 8 cts.	.05
391	—— **All Colors Mixed.** In this mixture will be found the finest varieties. Per lb, express, 32 cts.; per lb., postpaid, 40 cts.; per ¼ lb., 12 cts.; per oz., 5 cts.	.03

Any three 5-cent packages of Sweet Peas for 10 cts.

Sunflower. (*Helianthus.*) (A.)

Well-known hardy annuals, with large, showy flowers.

392	**Sunflower, "Thousand Flowered."** Grows from 12 to 15 feet high, is richly branched from base to summit, each branch bearing a multitude of medium-sized golden-yellow flowers, with small black centres. Planted singly on lawns or in the garden it is very effective.	.10
393	—— **Goldleaf.** Flowers single, plants of luxurious stout growth, often reaching a height of 7 ft. Leaves variegated with distinct markings, in colors varying from golden yellow to dark green.	.10

Swan River Daisy. (*Brachycone.*) (A.)

394	Very pretty, free-flowering, dwarf-growing annuals, well adapted to edgings, rustic baskets or for pot culture.	.10

Sweet Clover. (A.)

395	**Sweet Clover.** Valuable for its fragrance.	.05

Sweet Sultan. (*Centaurea.*) (A.)

Very showy, 1 to 2 ft. high, succeeding well in any soil.

396	**Sweet Sultan. Mixed.**	.05
397	—— **Yellow.** The most beautiful Sweet Sultan. Flowers remarkably long-lived, very fragrant, and golden in color.	.05

Sweet William. (P.)

Well-known, beautiful, hardy perennials, about 1 ft. high, making a most splendid appearance in May and June.

398	**Sweet William, Single. Mixed.** $0.05	
399	—— **Double Mixed**	.10
400	—— **Auricular Eyed**	.05

Tigridia Grandiflora.

401	Flowers, over 6 in. across, in red, white, yellow, orange, rose, crimson and gold, with shades and color combinations never seen among them before. Thrives best in a sandy soil, and should be treated like the Gladiolus. Blooms the second season.	.15

Tritoma Uvaria. (P.) (*Red Hot Poker Plant, or Torch Lilies.*)

402	Splendid hardy perennials producing flower stems 4 or 5 ft. in height, surmounted with spikes of flame-colored flowers. Fine for clumps on the lawn or among shrubbery. (See plants, page 66.)	.10

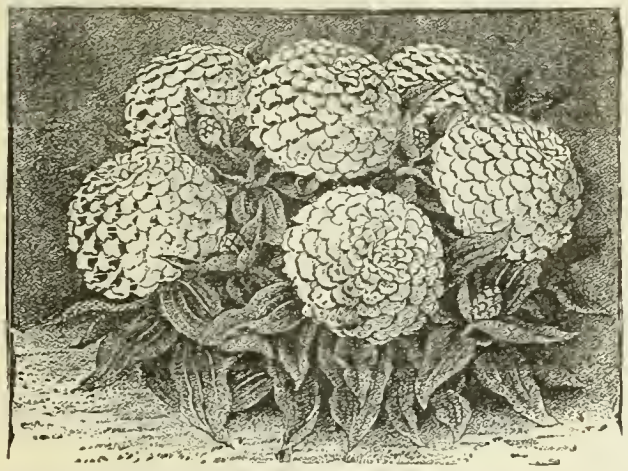
Wallflower. (P.)

Well-known half hardy perennials blooming early in the spring and much prized for the delicious fragrance of their flowers. Should be protected in winter.

403	**Wallflower, Single. Mixed.** $0.05	
404	—— **Double. Mixed**	.10
405	—— **Early, Single Annual.** Sown in March in pots or hot-bed will bloom from June until late autumn. Flowers of a beautiful orange-red and very fragrant.	.05

No.		Price per pkg.
	Verbena. (A.) Well-known popular bedding plants, blooming all summer. The most brilliant, with the exception of Phlox Drummondii, of all the annuals.	
407	**Verbena Candissima Nana Compacta.** Very dwarf, pure white	$0.10
408	—— **Hybrida. Rosy Scarlet.** Handsome dwarf variety, of strictly upright growth; flowers large, bright rosy scarlet, with a white centre	.15
409	—— **Bright Scarlet. White Centre.** Flowers large, with centres well marked	.05
410	—— **Mammoth.** Splendid flowers, in beautiful shades of pink, red and white	.10
411	—— **New Mammoth. Dark Scarlet Shades.** (*See Cut.*) A magnificent strain. Some flowers are white-eyed, and others quite self-colored, but every plant produces splendid trusses of mammoth flowers	.15
412	—— **Purple Cloak.** Large trusses of deep velvety purple flowers, clear white centre	.10
413	—— **Fine Mixed**	.05
414	—— **Finest Mixed**	.10
	Viola Odorata. (*Sweet Violet.*)	
415	Beautiful, fragrant, hardy plants, for beds and edgings, in moist, shady situations	.10
	Zinnia. (A.) (*Youth and Old Age.*) Splendid hardy annuals; succeeding well in any soil, and making a brilliant show. The same flowers will retain their beauty for weeks, and a profusion will be produced until frost.	
416	**Zinnia. Elegans Grandiflora Plenissima.** (*New Giant Zinnia.*) Extremely double, globe-shaped flowers, 5 in. in diameter, of striking and brilliant colors	.05
417	—— **Grandiflora Plenissima Striped.** Very showy and beautiful. A great improvement on the Zebra Zinnias	$0.10
418	—— **Tall.** Finest varieties double mixed	.05
419	—— **Double White**	.05
420	—— **Dwarf. Double White.** Very desirable for its regularity of growth and beautifully shaped flowers	.05
421	—— **Double Lilliput. Mixed.** Very compact, forming thickly branching little plants about a foot and a half high, which fairly bristle with very double flowers of every shade and color, and hardly exceeding a large daisy in size	.05
422	—— **Double Giant. "Queen Victoria."** Pure white, large, very double flower of beautiful shape	.10
423	—— **Lorenz's Miniature.** (*See Cut.*) The smallest Zinnia in existence, growing only about four inches high. The mixture we offer contains the following colors: white, scarlet, crimson, purple, dark rose, and yellow	.10

New Mammoth Verbena.



Zinnia. Lorenz's Miniature.

Why not plant Perennials? Once planted, without digging garden or buying seed, you have flowers year after year.

FLOWER SEED COLLECTIONS.

For the convenience of those who prefer to leave the selection to us, we offer the following collections. Persons thus purchasing can make a greater display at a much less price than ordering separate packages. *The varieties in these collections are always to be of our selection.*

COLLECTION A.

10 Pkts. of Beautiful Annuals for 25 Cents.

Asters. Sweet Alyssum. Mignonette. Verbenas. Phlox.

Coreopsis. Sweet Peas. Petunia, Single Mixed. Poppy. Pinks.

COLLECTION B.—Nasturtiums.

8 Pkts. for 25 Cents.

Tall and Dwarf, including Mme. Gunter.

COLLECTION C.—Large Flowering Sweet Peas.

15 Pkts Choice Desirable Kinds for 40 Cents.

COLLECTION D.

15 Pkts. Choice Annuals, Biennials and Perennials for 40 Cents.

Asters, Victoria Mixed.
Zinnia.
Delphinium.
Iceland Poppies.
Columbine. Double Mixed.
Pansy.
Coreopsis Lanceolata.
Foxglove.
Wallflower. Single Mixed.
Mignonette.
Sanvitalia.
Calycanthema, "Cup and Saucer." Mixed.
Margaret Carnation.
Pyrethrum. Mixed.
Hollyhocks.

COLLECTION E.

5 Pkts. of Easily Grown Annuals for 10 Cents.

Phlox, Zinnia, Mignonette, Sweet Peas, Candytuft.

COLLECTION F.—30 cents.

3 Pkts. Hardy Climbers for permanent positions. 3 Pkts. Climbing Annuals.

Perennials: Aristolochia, Centrosema, Clematis.

Annuals: Cypress Vine, Humulus Japonicus, Cobea Scandens.

Please Notice that we are Offering all these Collections at a Great Reduction from the Regular Catalogue Prices.

MIXED FLOWER SEEDS FOR WILD GARDENS.

A splendid mixture of over 100 sorts of beautiful free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower-beds, will find the "Wild Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower-bed is a continual surprise and pleasure, as new varieties and the old-garden favorites flower successively throughout the season. Price, per ½ ounce, 20 cents; per package, 5 cents.

Purchasers who prefer to make their own Selections of Flower Seeds are referred to the following Prices:

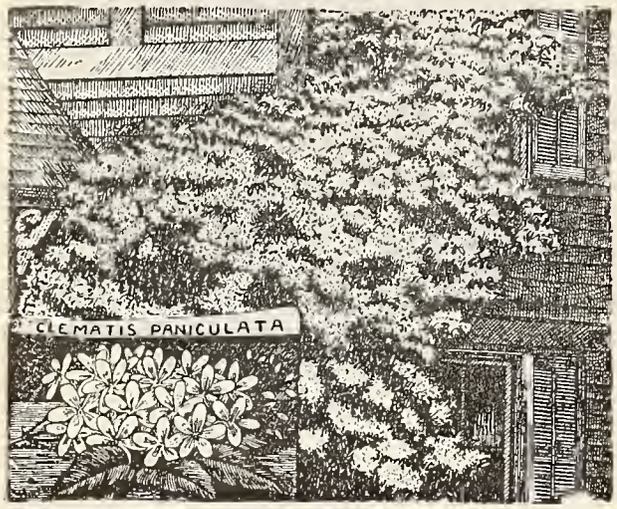
For $1.00, seeds in PACKETS may be selected to the value of					$1.30
" 2.00	"	"	"		2.70
" 3.00	"	"	"		4.20
" 4.00	"	"	"		5.65
" 5.00	"	"	"		7.20

All Flowers Seeds sent by Mail, Postpaid, on receipt of Price.
Prices for Flower Seed, per oz., given on application.

We cannot possibly supply any item named from here to page 69, in the Fall, except Lilies.

SUMMER FLOWERING VINES.

Prices, except where otherwise noted, are per mail, postpaid.



CLEMATIS PANICULATA.

We think that this fine vine is worthy of a more extended notice and so have brought it to the front again, nicely illustrated. It is of a very rapid growth, with bright green foliage bearing in September multitudes of very handsome, white, star-shaped deliciously fragrant flowers which hide the leaves, making an intensely white spot on the landscape. We have had one for several years in our garden, trained up on a single post with laths nailed across it, and every year it grows to resemble a mammoth bee-hive. When it attains full bloom it is a beautiful sight and it has arrived to the dignity of having its picture taken for publication in two of the largest papers in the country. As young America now says, "It's a corker!" Price, postpaid, 2 year old roots, 25 cts. each; 5 for $1.

Clematis Jackmanii. Flowers large, intense velvety purple, 4 to 6 in. in diameter. The dazzling effect of this elegant vine when in blossom cannot be described. Price, 2 year old roots, 50 cts. each.

Clematis Henryii. Strong, vigorous grower, with large, creamy-white flowers. Price, 2 year old roots, 50 cts. each.

Also one year old roots of Duchess of Edinburgh, Mme. Baron Veillard, Ramona, Jackmanii, Henryii and Paniculata, all fine varieties. Your selection of one, 15 cts.; 3 for 35 cts.; the whole 6 for 65 cts.

Wild Cucumber.

This is the quickest growing of the ornamental vines, being specially desirable for trellis work. It bears an abundance of fine white flowers, hiding the leaves, making a mass of bloom. As this is an annual, we supply only the seeds. Price per oz., 20 cts.; per pkg., 5 cts.

Silver Sweet Vine. (*New.*) (*Actinidia Polygama.*)

A new, very hardy Japanese climber of remarkable beauty. It is of strong, vigorous growth, with beautiful dark-green, glossy foliage, and small white flowers resembling the lily of the valley in fragrance. It is especially adapted for covering arbors, trellises, etc., where a quick, dense growth is desired. While vines are small they should be protected, as cats will eat the leaves and tender shoots as they do catnip. Price for 2 year old vines, 3 ft. high, 60 cts. each.

Hardy English Ivy.

This is a hardy evergreen climbing vine, with dark glossy green leaves much used for covering walls or churches, etc.; is a true evergreen; retains its bright green leaves all winter and always looks alive. Each, 15 cts.; 3 for 30 cts.

Passion Flower.

(Passiflora Incarnata.) A strong-growing, vigorous climber, making a fine covering for porches and verandas. The roots will usually survive the winter as far north as Philadelphia, but in higher latitudes they should be dug up and placed in the cellar until spring. 15 cts. each; 3 for 30 cts.

Moonflower or Evening Glory.

A very rapid summer climber. The flowers are immense, 5 in. in diameter, pure white and sweet scented, and as they open at night, very striking. The effect on a moonlight night is charming. 12 cts. each.

Cinnamon Vine.

A beautiful, rapid-growing, summer climber, with glossy foliage and spikes of delicious, cinnamon-scented flowers. Good sized roots, each 10 cts.; 3 for 25 cts.

Manetta Vine.

Charming, being literally covered with flowers the entire season; coloring gorgeous in the extreme,—flame color tipped with bright yellow. It will attain a height of from 5 to 10 ft. in one season. 12 cts. each.

Wistaria.

Chinese Purple. A hardy, strong-growing twining vine with handsome, luxuriant foliage, producing in midsummer long, drooping clusters of beautiful lilac, fragrant flowers. Price 1 year old, 12 cts. each; 3 for 30 cts.

Woodbine.

A fine quick-growing vine with a beautiful deep green foliage in the summer, turning in the fall to a dark red. Price, postpaid, 25 cts. each.

Ampelopsis Veitchii.

(Boston Ivy.) This is the famous creeper that clings to any building by means of its tendrils. It is of exceedingly rapid growth and perfectly hardy. The foliage is a rich glossy green during the summer, turning to various shades of bronze, crimson and scarlet in the fall. Strong 2 year old plants, 18 in. high, each, 20 cts.; per doz., $1.75. One year old plants, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Madeira or Mignonette Vine.

A beautiful climber, of rapid growth, adapted to outdoor growth in the summer. It completely covers itself with deliciously fragrant white flowers. Tubers should be kept in cellar over winter. Each, 8 cts.; per doz., 65 cts.

Honeysuckles.

These are climbing shrubs much cultivated for ornament and the fragrance of their flowers. We have 1 year old plants of Hall's Japan, flowers white and yellow, and Scarlet Trumpet, scarlet flowers. Also Monthly Fragrant, red and yellow; very fragrant; blooms all summer. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 9 cts.

Summer Flowering Bulbs and Roots.

Prices, except where otherwise noted, are per mail, postpaid.

CANNAS, LARGE FLOWERING FRENCH. (*Can be supplied up to May 1st.*)

All of the list below are green leaved, except the J. D. Cabos.

These new improved Cannas are among the finest novelties that have been offered for years. Dwarf in habit, with very large, gorgeous flowers; they make fine bedding plants. If removed to the house before frost, they will continue flowering all winter. A row of J. D. Cabos, the best bronze variety, planted against a fence, with a similar row of the shorter green-foliaged planted in front of them, produce a fine effect, also as a centre plant of bronze in a circle of the green varieties. These need to be housed over winter. Price, 15 cts. each; 3 for 40 cts.; 12 for $1.50.

Admiral Avellan. Scarlet, overlaid with salmon, 5 ft.
Allemania. Salmon and golden yellow; very large flowers, 6 to 7 ft.
Austria. Pure canary yellow; very large open flowers, 6 to 7 ft.
Beaute Poitevine. A fine, free-flowering crimson, 3 ft.
Burbank. Canary yellow with lower petals spotted crimson, 6 to 7 ft.
Captain Drujon. Fine deep red, dotted with golden yellow; a strong grower; 5 to 6 ft.
Chas. Henderson. Deep rich crimson, yellow at throat, 3 ft.
Duke of Marlborough. Velvety maroon, very dark, 3½ ft.
Florence Vaughan. Very large, bright yellow dotted with scarlet, 4 ft.
Madame Crozy. Crimson scarlet, bordered with golden yellow, 3½ ft.
Philadelphia. Large crimson scarlet flowers; one of the best, 3 ft.
Queen Charlotte. Orange scarlet, edged with canary yellow, 3½ ft.
Rose Unique. Beautiful rosy pink; a vigorous grower, 5 ft.
J. D. Cabos. A very fine bronze, 4½ ft.

NEW DWARF EVER-BLOOMING CALLA LILY. (For spring planting only.)

Of dwarf habit, strong and compact, with a great abundance of lustrous dark green foliage. It is a true ever-bloomer, its flowers appearing in great abundance both summer and winter when grown in pots, or it will bloom profusely all summer in open ground, and being potted in September, after being taken up and rested for two months, will continue blooming without intermission all winter. The same plant will grow and bloom for years. Price, 25 cts. each.

Summer Flowering Bulbs and Roots.

Prices, except where otherwise noted, are per mail, postpaid.

Snow-White Gladiolus.

Gladioli.

These showy flowers are very easily raised, and with their tall spikes and brilliant colors of almost every variety, simple and blended, make one of the most magnificent displays of the flower-garden. By planting from May till July, a continuous succession of flowers will be secured. Plant in rows a foot apart, 6 in. apart in the row, and 2 in. deep. These need to be housed in the autumn.

Beautiful French Hybrid Varieties, Splendid Mixture. Price, per 100, express, $1.85; per 100, postpaid, $2.25; per doz., postpaid, 30 cts.

Lemoine's Hybrid. (*New.*) For rich and vivid coloring these have no equal. Emblazoned with the most intense burning and rich shades, they are wonderful. Price, per 100, per express, $2.85; per 100, postpaid, $3.25; per doz., postpaid, 40 cts.

Groff's New Hybrid Gladioli.

☞Winners of sixteen first awards at Pan-American Exposition, Buffalo, N. Y., 1901.☜ Mr. Arthur Cowee, who makes a specialty of Groff's New Hybrid Gladioli, is undoubtedly the world's great Gladioli grower. These wonderful Gladioli were one of the chief attractions of the Pan-American Fair at Buffalo. Those who saw the exhibit, small in number though it was, at the annual exhibition of the Massachusetts Horticultural Society at Boston, need not to have a word said in their praise, for it was a revelation of a beauty never before thought possible. We believe the public will be greatly the gainers by our cataloguing some of these magnificent hybrids.

Groff's Silver Trophy Strain. Very choice. Words can hardly express the beauty of this strain. Single bulbs, 10 cts.; per doz., $1.00; per 100, $7.00.

Groff's Hybrids.

The size and coloring of many of the sorts are really marvelous. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

New Collections of Gladioli at Special Low Prices.

No. 1 (Fine), 50 cts.; single bulbs, 6 cts.

Napoleon III. Scarlet, white line in centre of petals.
Mad. Monneret. Soft, rosy pink, late variety.
Vashtii. Creamy white, blotched with carmine.
Isaac Buchanan. Best yellow.
Ceres. Pure white, spotted with purple rose.
Mr. Bains. Wonderful clear light-red color.
Emma Thursby. White ground; carmine blotch through petals.
May. Pure white, flaked with crimson.
Octoroon. A beautiful salmon-pink; very distinct.
Lamarck. Salmon, crimson and yellow spots.

No. 2 (Extra Fine), 75 cts.; single bulbs, 8 cts.

Gen. Phil Sheridan. Fiery red with white line through petal with white blotch.
Mrs. Krelage. Fiery red; white blotch with carmine; has white veins.
Countess Craven. Rose flaked with carmine.
Chameleon. Slaty-lilac with white blotch.
Diamant. Extra large, fleshy white, blotched and streaked carmine.
Pepita. Bright yellow striped with carmine.
Atlas. Clear violet, velvety maroon blotch.
Le Poussin. Bright red, with white blotch.
Reine Blanche. White, carmine-violet blotch.
Africaine. Dark amaranth with white stripes.

New Gladiolus. "Snow-White." (*See Cut.*) Absolutely pure white. The flowers are elegantly formed, and of great substance, lasting a remarkable length of time when cut. The spikes are very large, set solidly and perfectly, with the flowers from bottom to top. The petals are gracefully recurved; in many cases beautifully crimped. Price, 20 c.

Lilies.

Plant either in spring or fall, except Candidum and Harrisii, which are for fall planting only.

Plant deep where they are to remain; in winter cover 4 in. deep with leaves or straw. Lilies thrive best when planted in partial shade and in a light rich soil such as a mixture of loam and well-rotted manure. They do especially well in the shrubbery border as they get the shade of surrounding plants.

Scarlet Mexican Lily. (*New.*) The color is a magnificent, velvety deep, dark scarlet, rich beyond description. While it grows readily in soil, the most interesting and quickest method to secure flowers is to plant the bulbs in sand, pebbles, gravel and water like Hyacinths or Chinese Sacred Lilies. Grown by this method *it will bloom in two or three weeks,* producing immense numbers of the large, brilliant flowers. Large blooming bulbs, 12 cts. each; 3 for 30 cts.

Melpomene. Beautiful, almost beyond description. Frosted, white, spotted, cloudy and bearded with pinkish crimson. Price, each, 20 cts.; per doz., $2.00

Auratum; Golden-rayed Japan. Blooming in great profusion, and deliciously fragrant. Price, each, 15 cts.; per doz., $1.25.

Candidum. Very hardy, snow-white and fragrant. Fine for forcing. Each, 15 cts.; per doz., $1.25.

Harrisii. (*Bermuda Easter Lily.*) (*See Cut.*) Flowers large, trumpet-shaped, of a pure waxy white; an incredibly free bloomer. Price, each, 20 cts.; per doz., $2.00.

Rubrum. Rose, spotted with crimson. Price, each, 15 cts.; per doz., $1.25,

Speciosum Album. A pure white; fine. Price, each, 20 cts.; per doz., $2.00.

Wallacei. (*New.*) A magnificent Japanese variety with beautiful clear buff flowers, spotted with black. Price, each, 10 cts.; per doz., $1.00

Umbellatum. Robust growers and great bloomers flowering in June and July. Colors range from buff, rose, yellow, crimson to blackish crimson. Price, each, 15 cts.; per doz., $1.25.

Lily of the Valley. A great favorite because of its delicate fragrance, bearing graceful bows of fairy-like lily-bells. Per doz., 35 cts.; per half doz., 20 cts.

Tennifolium. A miniature Lily with tall, slender stems, bearing a dozen or more brilliant scarlet flowers. Fine for cutting and easily grown in pots or a warm border. Price, each, 12 cts.; per doz., $1.25.

Longiflorum. Trumpet shaped; white; very fragrant. Price, ea., 15 c.; per doz., $1.25.

Double Tuberoses. (*Large Select Bulbs.*)

The Pearl. Beautiful white, very sweet-scented double flowers, growing on tall stems, each stem bearing a dozen or more flowers. Start in the house in March, and transplant to open ground for summer blooming. Planted in pots in April and taken into the house when frost comes, they will freely bloom in December. First quality bulbs, per doz., 40 cts.; per doz., express, 30 cts.; each, 5 cts.

New Variegated. The leaves of this variety are bordered with creamy white; flowers single but very large and of exquisite fragrance. It blooms several weeks earlier than the other sorts. First quality bulbs, per doz., 50 cts.; per doz., per express, 40 cts.; each, 5 cts.

Bermuda Easter Lily.

Summer Flowering Bulbs and Roots.—*Continued.*

Prices, except where otherwise noted, are per mail, postpaid.

Saint Brigid or Poppy Anemones.

Saint Brigid or Poppy Anemones.

Nothing could be more glorious than a bed of these new Irish Anemones. The flowers show all the colors of the rainbow and many more; for even black and white are found, as well as shades of pink, rose, crimson, fiery scarlet, carmine, maroon, lilac, lavender, blue, purple, even *green*. Some are curiously mottled, striped, edged, ringed and shaded with the various tints described, the effect produced being bewildering. They bloom freely until well after frost. Being perfectly hardy, will bloom again the next season in greater profusion than ever. The flowers and the beautiful fern-like foliage remain fresh in water for a week or more. For spring or fall planting. Fine bulbous roots, 1 for 8 cts.; 6 for 30 cts.; 50 cts. per doz.

Begonias. (*Ready March 15.*)

Tuberous Rooted. It is quite impossible to overestimate the worth of this interesting family of plants. Every one should grow them. Planted where they can have plenty of moisture and a little shade from the noonday sun, they make a glorious display, excelling the most vivid geraniums. Give them one trial in your garden and you will never be without them. We offer tubers from the finest strain of erect, large flowered varieties, of dwarf habit, comprising all colors,—scarlet, white, yellow, pink, etc. Not hardy; house these and Gloxinias in the autumn.

Price, Single,—scarlet, white, yellow, pink,—each 10 cts.
Four, one of each, 30 cts.; twelve, three of each, 80 cts.
Price, Double,—scarlet, white, yellow, pink,—each, 15 cts.
Four, one of each, 55 cts.; twelve, three of each, $1.35.

Trumpet Narcissus are especially fine for house culture, as are also the fragrant Hyacinths. See p. 69.

Gloxinias. (*Ready March 15.*)

These are most charming tuberous rooted pot plants. Their fine trumpet-shaped flowers are exquisitely tinted and blotched with dots of violet, pink or crimson. Price (bulbs), 15 cts. each; 3 for 35 cts.; $1.00 per doz.

Dahlias. (*Ready in May.*)

Ethel Vick, or A. D. Livoni. This variety bears in great profusion most perfectly formed flowers of a rich pink color. All in all we think that this is the best of the Dahlia family. These need to be housed in the autumn. Price, 20 cts. each; 3 for 50 cts.

Tritoma.

20th Century Dahlia.

Wherever exhibited it mattered not how many other choice varieties were on the exhibition tables, the 20th Century became the centre of all eyes. It won the silver medal of the Pennsylvania Horticultural Society and has been given first awards everywhere. It is a strong, vigorous grower of branching habit, flowering early and continuing a mass of bloom until killed by frost. The flowers, measuring 4 to 6 in. in diameter, are of an intense rosy crimson tipped with white, with a white disc around the yellow centre. As the season advances they become almost a pure white suffused with soft pink. A superbly beautiful, striking flower, and for cutting, holding a place alongside the finest roses. Price, postpaid, 25 cts., each; $2.50 per doz.

Show Dahlias.

Mira. Pink and white, very large.
Duke of Edinburgh. (*New.*) Yellow; an excellent variety.
Henry Glasscock. Buff striped crimson.
Dr. J. P. Kirtland. Dark velvety crimson; very large.
Grand Duke Alexis. A pure glistening white, tinted soft lilac.
Striped Banner. Crimson-scarlet, white tipped.
Madame Zules. Yellow, tipped crimson.
Golden Age. Sulphur yellow.
Mary D. Halleck. Canary yellow; same form as A. D. Livoni.
Lucy Fawcett. Light yellow, striped rosy lilac.
Lottie Eckford. White, striped purple.
White Swan. Pearly-white.

Price, 20 cts. each; 3 for 50 cts.; $1.75 per doz.

Pompon Dahlias.

Maud. (*New.*) Pure white, long stem; fine for cutting.
Alewine. A delicate shade of pink, tinted lilac.
Little Jennie. Primrose yellow; very fine.
Goldspere. Bright red; distinct golden tip.
Henrietta. Yellow, tipped crimson.
Aillets Imperial. Delicate white, tipped purple.
Brunette. Crimson, sporting white.
Little Bessie. Creamy white; finely quilled.
Pomponii. Primrose, shading to pink.
Sunbeam. A new crimson; fine.
Golden Gem. Pure yellow; small and fine.
Rosalie. Yellow, edged crimson.

Price, 15 cts. each; 3 for 40 cts.; $1.50 per doz.

Cactus Dahlias.

Perle de la Tete D'Or. (*New.*) Pure white with frequently slight tint of purple; very large and of exquisite form with notched petals. Beautiful.
Maid of Kent. Rich cherry red, pure white tips.
Earl of Pembroke. (*New.*) A deep velvety plum color, brightening at tips.
Ernest Glasse. Purple magenta, perfect cactus.
Prince of Orange. Bright orange-salmon, shaded apricot.
Island Queen. Light mauve; very distinct and beautiful.
Red Rover. *Giant Cactus.* Crimson scarlet.
John Roach. Soft yellow; long petals well curled.
Mrs. Bennett. Soft crimson.
Mrs. Barnes. Pale primrose, shading to rose.
Bennett Goldney. Terra-cotta; large.
Cycle. Rosy crimson or carmine.

Price, 20 cts. each; 3 for 50 cts.; $1.75 per doz.

TRITOMA.

Tritomas, Red-hot Poker's Flame Flower, or Torch Lilies. Brilliant, showy plants coming rapidly into favor for beds and in mixed borders. Hardy if given the protection of a few inches of leaves or litter.

Tritoma Pfitzerii. (*The Ever-blooming Flame Flower.*) The freest flowering variety in cultivation, with spikes from 3 to 4½ ft. high and heads of bloom over 12 in. long of a rich orange-scarlet, shading to salmony-rose at edges, producing a grand effect whether planted singly in the border, in masses, or beds of a dozen or more. 15 cts. each; $1.50 per doz.

Tritoma Coralina. A dwarf variety, rarely exceeding 2 ft., producing freely medium-sized spikes of coral-red flowers, shading to yellow. 15 cts. each; $1.50 per doz.

Stokesia Cyanea.

The Cornflower, or Stokes' Aster. (*See cut, page 8.*)

A charming and beautiful native hardy plant. The plant grows from 18 to 24 in. high, bearing freely from early in July until late in October its handsome lavender-blue centaurea-like blossoms, which measure 4 to 5 in. across. It is of the easiest culture, succeeding in any open, sunny position, and not only is it desirable as a single plant in the hardy border, but it can also be used with fine effect in masses or beds of any size. Price, 15 cts. each; $1.50 per doz.

Yucca Filamentosa. (*Adam's Needle.*)

A stately tropical-looking plant, fine for lawn or garden. It is a hardy evergreen, the stem raising 3 or 4 ft. above the tuft of narrow, bayonet-like leaves, bearing a profusion of creamy-white bell-shaped flowers. Will thrive almost anywhere even in sandy or shady places. Price, 15 cts. each; 3 for 40 cts.

SUMMER FLOWERING PLANTS.

Prices, except where otherwise noted are per mail, postpaid.

Rose Peony.

Deep Rose color. Most fragrant of all the peonies, having a stronger and richer rose fragrance than any rose. Perfectly hardy. Each, 25 cts.

Old-Fashioned Garden Pink Roots.

The delicious sweet-smelling pinks of our grandmothers. Very hardy and easily grown. Per 6, 50 cts., each, 10 cts.

Rudbeckia Laciniata, "Golden Glow."

A hardy perennial plant growing 8 ft. high, branching freely, and bearing by the hundreds on long, graceful stems, exquisite double blossoms of bright golden color, and as large as Cactus Dahlias. Price, per single root, 20 cts.; per doz., $1.50.

Hibiscus, "Crimson Eye."

For description see page 57. Strong, two-year plants, $1.50 per doz.; 15 cts. each; one-year plants, $1.00 per doz.; 10 cts. each.

Helianthus, Multiflora Plenus.

A perfect gem that should be in every garden. The plants attain a height of about 4 ft., and in their blooming season, in August and September, they are nearly covered with bright, golden-yellow double flowers, about the size of a dahlia. Desirable for cutting, flowers remaining bright and fresh for days. Roots, per doz., $1.25; each, 15 cts.

Carnations.

We consider the following varieties of carnations as among the best of recent introduction combining good form and beautiful colors with vigorous growth and free-blooming qualities.

G. H. Crane. Deep brilliant scarlet. Flowers large. Strong grower and hardy.
Eldorado. Light, clear yellow petals edged with light pink. A strong, vigorous grower.
Flora Hill. The largest white, very free bloomer, clean and healthy.
Jubilee. Intense scarlet; very large flower on long slender but stiff stems.
William Scott. (*New.*) Strong plant, early bloomer, fragrant; color, bright rosy pink.
Daybreak. Color exquisite. A charming shade of pink; healthy, vigorous plants. Price, for the collection of 6, 65 cts.; 12 cts. each.

Hardy Perennial Phlox.

Coccinea. Glowing scarlet.
Cross of Honor. White with band of rosy lilac in centre.
Isabey. Orange salmon; centre purplish crimson.
Madame Bezanson. A splendid deep crimson.
Pantheon. Fine deep salmon rose; very free flowering.
The Queen. Pure white. Price, dormant roots, by mail, postpaid, each, 15 cts.; 3 for 40 cts.; 6 for 70 cts.

CHRYSANTHEMUMS. The Leading Autumn Flower. (*Ready in May.*)

There are no flowers that make such a magnificent display in the autumn as these, with their almost endless variety of fanciful shapes and colors ranging from the purest snowy white, delicate pink and rose, through all the shades of brilliant yellows and deep reds. Set out the plants in a sunny, sheltered location, in good rich soil, with plenty of well-rotted cow manure. Water freely and keep them well cut back until the first of August. If wanted for indoor blooming, they should be lifted about the middle of September, potted, watered thoroughly, and set in a shady place for a few days; afterwards expose them to the full light, with temperature not higher than fifty degrees. In cold climates winter in cellar.

	Price, postpaid, each.	Per doz.
Geo. W. Childs. Deep velvety-crimson; large and one of the best in its color	$0.10	$1.00
Ivory. Unexcelled for pot culture or cutting; pure white flower of exquisite form and finish	.10	1.00
Golden Wedding Rich, golden-yellow, intense and dazzling. Flowers very large, petals long and broad; double to the centre.	.10	1.00
Maude Dean. An immense pink variety; finely incurved; petals broad, shell shaped. One of the largest flowers exhibited in the fall shows	.10	1.00
Major Bonnaffon. Soft, clear yellow; full in the centre, 8 in. in diameter and nearly as deep. In perfect form and finish; habit dark	.10	1.00
Mme. F. Bergmann. The finest of all the early whites; very large and full, and of the purest white, with creamy centre; of strong, sturdy habit; fine foliage. The most popular white variety with florists for early forcing	.10	1.00
Glory of the Pacific. Fine pink, good size and very early	.10	1.00
Mrs. Henry Robinson. In the entire Chrysanthemum family there is no grander white variety	.10	1.00
Nivous. A grand, snow-white variety, centre irregularly incurving with outer petals reflexing nearly to the stem	.10	1.00

We also offer the small **Pompon Chrysanthemums** in three colors, white, yellow and red. These small flowering varieties are unique in appearance, and are much liked in contrast to the larger flowering sorts. Price, 15 cts. each, or 4 for 50 cts.

Chrysanthemum Seeds. Deleaux—New Early Flowering.

A remarkable new class of perennial Chrysanthemums, selected from the celebrated Deleaux strain, blooming **early in September** from seed sown in March. Very dwarf, branching in habit, and profuse bloomers. The flowers are entirely unlike all the early blooming varieties hitherto known, vieing with the later sorts in **form, size,** and in **richness and variety of colors.** Price, per pkg., 25 cts.

SUMMER FLOWERING SHRUBS.

Prices, except where otherwise noted, are per mail, postpaid.

These are all hardy.

Hydrangeas (*for growing in pots*).

(These need to be taken into the cellar in winter.)

Otaska. Thomas Hogg. One-year old plants. 1 for 20 cts.; 3 for 45 cts.

Syringas.

Hardy shrubs with green foliage, and blooming in June. One-year old plants of the Double White and Golden; also the Garland. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Hydrangea Paniculata Grandiflora.

One of the most valuable hardy shrubs in cultivation. The flowers are formed in large white trusses, which change to a deep pink. The branches, drooping with the weight of the flowers, give it an extremely graceful appearance. Large plants two years old, per express, 25 cts.; postpaid, 35 cts.

One year old plants, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Snowball.

Japanese. The bush of this is of more compact habit than the common variety and its white globular flowers remain longer in bloom. Price for one-year old plants, 1 for 15 cts.; 3 for 40 cts.; 6 for 70 cts.; 12 for $1.25. Common variety. Price one-year old plants, 1 for 12 cts.; 3 for 30 cts.

Deutzia.

A slender-branched graceful shrub producing spikes of beautiful white flowers. We have one-year old plants of D. Crenata, also Gracilis. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Spireas.

These are in the front rank of the flowering shrubs of the garden. They bloom from May through the summer. We have S. Van Houttei, vigorous plant, pure white flowers; S. Bumalda, soft deep rose colored, blooming in July; S. Prunifolia, the well-known "Bridal Wreath"; S. Anthony Waterer (New), crimson. This is fine for a pot plant, also for edging. Also S. Callosa. Alba. Price, 1 for 12 cts.; 3 for 30 cts; 6 for 50 cts.; 12 for 90 cts.

Caryopteris. Blue Spirea would be a fitting name for this new hardy plant A sturdy upright grower and very fragrant. The dense flower heads are a rich lavender blue, a rare color among flowers. Each, 15 cts.; 3 for 35 cts.

Weigelias.

These are ornamental, and should be found in every collection of choice shrubs. We can supply W. Rosea with rose colored flowers, very free bloomer, W Variegata, foliage green mottled with yellow, pink flowers, W. Candida, snow white flowers and Eva Rathke (new), deep rich crimson, very free flowering Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts

E. Proctor Bailey, Iowa, writes: "For forty-one years, two years excepted, I have always had a good garden—the pride of the neighborhood."

T. A. Thompson, Bread Brook, Conn., writes: "I am not in the habit of writing testimonials but I feel it my duty to state that for the last twenty or more years we have traded with you and have yet to find a single instance where the seed has not proved as represented."

See Collections of flower seeds, page 63.

ROSES.

Prices, except where otherwise noted, are per mail, postpaid.

HARDY PERPETUAL VARIETIES. (Two years old.)

Price, per express, at purchaser's expense, 35 cts. each, or $3.50 per doz.; per mail, postpaid, 45 cts. each, or $4.50 per doz.

We have one year old bushes of this list at 12 cts. for one; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Our customers will find these varieties to be not only choice, but hardy, bearing large and fragrant flowers the same season they are planted. The plants are two years old, and extra large and strong, not the puny, weak affairs too often sent out. We are growing most of these varieties in our own garden. We have picked good buds from them well into November, and several of the bushes the second season have grown from 5 to 9 ft. As far as possible we supply roses on their own roots, but as many varieties will not do well on their own roots, we offer in such cases the best low budded or grafted stock obtainable. All budded or grafted bushes should be planted so that the point at which they are grafted will be at least two inches below the surface.

NEW HARDY YELLOW ROSE. SOLIEL D'OR. (NEW.)

The Soliel d'Or is a cross between Persian Yellow and Autoine Dncher. It retains a good deal of the character of Persian Yellow, the bark and wood being reddish, the thorns very fine, the foliage more ample, and the leaves, of a beantiful clear green, are closer together. This magnificent variety, like the Persian Yellow, is perfectly hardy, robust, and vigorous. Superb in color, varying from gold and orange-yellow to reddish gold, shaded with nastnrtinm-red. The blooms are 3½ in. in diameter. Price, express, 40 cts.; per mail, 50 cts.

Caroline Marniesse. Flowers pure (or slightly creamy) white, medium size, very double, very sweetly tea scented, and produced in profuse masses, blooming without cessation from June till October.

Prince Camille de Rohan. A magnificent rose. Color rich velvety-crimson passing to maroon shaded black.

Tom Wood. Color a bright cherry-red; plant gives abuudance of bloom early and late.

Mrs. R. G. Sherman Crawford. Color deep rosy pink, the outer petals tinted with pale flesh color, flowers large and full and very fragrant. The plant blooms from summer to late autumu.

Clothilde Soupert. Color French white deepening to rosy blush in centre; compact habit; *wonderful profusion of bloom.* Valuable for both garden or house culture. This needs protection in the winter.

American Beauty. Rich rosy crimson; of exquisite form and delicious fragrance; almost continuonsly in flower.

Marchioness of Londonderry. Flowers of great size, color very white; flowers very freely; highly perfumed; an acquisition.

Mad. Gabriel Luizet. Extra large, very double and full, very fragrant. Color an exquisite rose suffused with lavender and pearl.

Persian Yellow. The finest hardy yellow rose grown; deep golden yellow. Blooms freely in June. Very hardy. *Cannot supply one year old.*

Clio. Flesh-color. It has the most delicate texture and coloring imaginable, a beautiful globular form, and in size it is something truly striking.

Margaret Dickson. This valuable new rose is entirely hardy, and a very vigorous grower. The flowers are of magnificent form, and *very large;* in color a beautiful shining white with almost the lustre of a pearl.

Marshall P. Wilder. Cherry rose mingled with carmine.

Baron Bonstetten. Color dark red, almost black, flowers double, fragrant, and fine.

Alfred Colomb. Cherry red, shaded with crimson; large, full and sweet.

Mrs. John Laing. Flowers large, semi-globular in shape, of an exquisite shade of soft pink, and deliciously fragrant. A grand novelty; considered the finest hardy rose of its color ever offered.

Magna Charta. Bright pink suffused with carmine.

Gen. Jacqueminot. Color, rich crimson; of fine shape and exquisite fragrance.

Paul Neyron. Bright, shining piuk; flowers very double; probably the largest rose grown.

Coquette des Blanch. Pure snowy white, sometimes faintly tinted with pale rose; blooms in large clusters; flowers medium size.

La France. Flowers large and beautiful, satiny shade of pink changing to blush, and of delicions fragrance.

Captain Hayward. Bright crimson-carmine of perfect form and very sweet.

Ulrich Brunner. Brilliant cherry red; flowers large, of fine form and finish. Plant very vigorous, hardy, aud free blooming; a grand rose in every respect.

Jubilee. Flowers very large; reaching 6 in. across, under good culture. In color a rich deep crimson rose shading to velvety maroon in the centre. The fragrance is strong, delightfully rich and very lasting.

Mad. Georges Bruant. This has the hardiness of the Rugosa class with the free-blooming qualities of the Teas. Flowers of large size, color pure glistening white.

Dorothy Perkins. (Climbing.) The flowers are usually 1½ in. in diameter. Color a most beantiful clear pink. So vigorous that it often makes shoots of over 10 ft. in a single season. Fragrant. Foliage is a rich deep green, remaining till well into the winter.

Crimson Rambler. Of vigorous growth and exceedingly hardy. The flowers, of a rich brilliant crimson, are produced in large trusses of pyramidal form. In our own gardeu one truss had sixty-six roses and buds.

Baltimore Belle. (Climbing.) Pale blush, very double, borne in clusters, the whole plant appearing a perfect mass of bloom.

HARDY PERPETUAL AND OTHER VARIETIES. (One year old.)

We offer the above list in one year old roots and also the following varieties—Anna de Diesbach, Vick's Caprice, Coquette des Alps, Fisher Holmes, Gen. Washington, Jules Margottin, La Reine, Mad. Charles Wood, Mad. Plantier, Maurice Bernardin, Ulrich Brunner, and Victor Verdier. Price for 1, 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

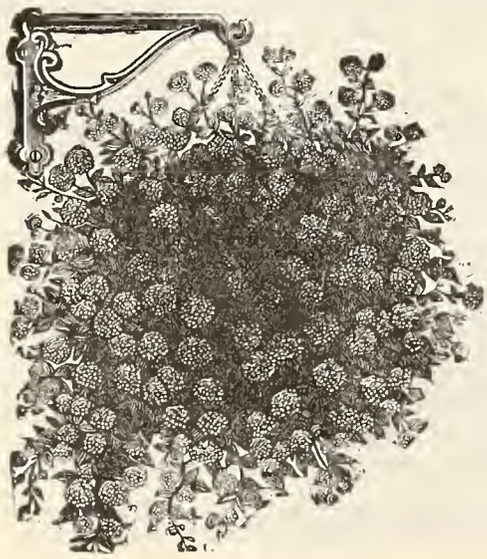
The Ramblers. (One year old.) White and crimson. Price, 1 for 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Trailing Roses. (One year old.) Wichuriana Memorial. Price, 1, 12 cts.; 5 for 50 cts.

The La France Set. (One year old.) White, red, pink and striped. Price, 1, 10 cts.; 4 for 30 cts.

Hardy Climbing Roses. (One year old.) Baltimore Belle, Greville, Mary Washington, Queen of the Prairie, Russell's Cottage, Tennessee Belle. Price, 1, 12 cts.; 3 for 30 cts.; 6 for 50 cts.; 12 for 90 cts.

Tea and Hybrid Tea Roses. (One year old.) Varieties marked with a * are hardy, or nearly so, but for these we would advise protection. *White La France, *Aggrippina, *Bon Silene, Bride, Catherine Mermet, Champion of the World, *Clothilde Soupert, *Red La France, *Etoile De Lyon, *Hermosa, Kaiserin Augusta Victoria, *Pink La France, *Mad. Hoste, Marion Dingee, Marie Guillot, *Mrs. Degraw, Meteor, *Mosella (Yellow Soupert), Niphetos, Papa Goutier, *Pink Soupert, *Princess Bonnie, *Safrano, Souv. de la Malmaison, Souv. Pres. de Carnot. Price, 1, 10 cts.; 3, 25 cts.; 6, 45 cts.; 12, 85 cts.



New Weeping Lantana.

This is of very rapid growth and gracefnl drooping habit with lovely dark-greeu foliage, producing a cluster of flowers at each leaf. The flowers are most delicate in color, clear, brilliant rosy-lilac. To procure qnick resnlts, a half-dozen or more plants should be planted in a hanging basket, although a very pretty basket can be grown from a single plant. It is also very valuable for mixing with other plants in vases. Price, postpaid, 12 cts.; 3 for 30 cts.

Asparagus Sprengerii. (*Emerald Feather Asparagus.*)

This is undoubtedly one of the handsomest evergreen trailiug plants ever introduced. It is especially valuable for pots, vases, baskets, etc., covering all with its beautiful sprays of lovely green feathery foliage, which can be cut freely and are very useful for bouquets, wreaths, aud all kinds of floral decoration. It makes a charming ornamental plant for the window or conservatory in winter, and is equally valuable for vases, baskets, porch-boxes in summer. It is strong, vigorous, very easily grown, requires but little care and keeps on growing, fresh and green, year after year. Price, postpaid, 15 cts.; 3 for 35 cts.

Miscellaneous Bulbs for Fall Planting. *Ready in October.*

See also Lilies, Page 65. **Prices, except where otherwise noted, are per mail, postpaid.**

Hyacinths. (*See Cut.*)

Plaut in the garden from October to December — the earlier the better — 3 or 4 in. deep in well drained rich soil. A small quantity of sand or fine coal ashes under each bulb when planted in a stiff soil will be beneficial. For pot culture a rich soil with mixture of sand and well-rotted cow manure is suitable. Use a 5-inch pot, have top of bulb just above the surface, water well, aud keep in a cool dark cellar until thoroughly rooted. When grown in glasses the base of bulb should merely touch the water.

Double Blue.....	Each, $0.07	Per doz., $0.75		**Single Red**.....	Each, $0.07	Per doz., $0.75	
Single Blue.....	" .07	" .75		**Double Yellow**..	" .08	" .80	
Double White...	" .07	" .75		**Single Yellow**...	" .07	" .75	
Single White....	" .07	" .75		**Single Mixed**....	" .07	" .75	
Double Red.....	" .07	" .75		**Double Mixed**...	" .07	" .75	

Tulips.

Showy popular spring flowers. For cultivation follow directions given for Hyacinths. The Duc Van Thol are especially adapted for pot culture. Set 3 or 4 bulbs in a 5-inch pot. The Parrot Tulips are very beautiful, having large brilliant flowers with friuged petals.

Duc Van Thol....	Each, $0.03	Per doz., $0.30		**Parrot**.....	Each, $0.03	Per doz., $0.30	
Choice Mixed Double.....					Per doz., .25	Per 100	1.50
Choice Mixed Single.....					" .25	"	1.50

Narcissus or Daffodils.

Perfectly hardy, will grow and do well everywhere, in sun or shade, moist or dry, in the waste places in the garden, under trees or in the grass. The clumps multiply rapidly, giving better results each year. Planting a few hundred bulbs will enable you, in two or three years, to cut thousands of flowers witbout missing them. For winter flowering set 4 bulbs in 5-in. pot and follow direction for Hyacinths.

Single Narcissus.

Trumpet. Very beautiful, showy variety, easily grown indoors or in open ground.

— **Princeps.** One of the finest of the large trumpet type. Pale sulphur with rich yellow trumpet. Each, 3 cts.; per doz., 35 cts.

— **Horsfeldi.** Flowers *very* large, pure white with deep yellow trumpet. Each 5 cts.; per doz., 55 cts.

The Poet's Narcissus. (*Poeticus or Pheasant's Eye.*) Pure white cup edged with red. Each 3 cts.; per doz., 25 cts.

Polyanthus. Beautiful free flowering, sweet-scented variety with tall spikes of bloom bearing from five to twenty flowers. White and yellow in mixture. Each, 5 cts.; per doz., 50 cts.

Chinese Narcissus. (*Sacred Lily of China.*) Flowers single white, with yellow centre, very freely produced, and are successfully grown in water. Shallow dishes sbould be used, into wbich put an inch of gravel; on this set the bulb, fill in with small stones, and keep the dish full of water. Each 12 cts.; per doz., $1.20.

Double Narcissus.

Orange Phœnix. (*See Cut.*) Beautiful, fragrant white flowers with orange nectary. Fine for cutting. Each, 4 cts.; per doz., 40 cts.

Von Sion. The double yellow daffodil of the old-fashioned garden. Each, 4 cts.; per doz., 40 cts.

Orange Phœnix Narcissus.

Hyacinths.

Chionodoxa Lucillæ. Beautiful flowering bulbous plants. producing spikes of lovely azure-blue flowers, with pure white centres. Price, 3 cts.; per doz., 20 cts.

Freesia Refracta Alba. A beautiful plant for parlor culture. Flowers pure white, with yellow blotched throat, and exquisitely scented. Valuable for cut flowers. Treat as Hyacinths. Each, 3 cts.; per doz., 25 cts.; per 100, $1.50.

Ranunculus. (*Double Buttercup.*) Plant 3 in. deep, and cover, before the ground freezes, with four inches of leaves, as they are not very hardy.

Ranunculus, Persian. Best Mixture. Each, 3 cts.; per doz., 20 cts.

Ranunculus, Improved French Superb. Each, 3 cts.; per doz., 20 cts.

Crocus.

Cloth of Gold. Bright Yellow. Per doz., 15 cts.; per 100, 75 cts.

Striped Sorts. Mixed. Per doz. 10 cts.; per 100, 55 cts.

All Colors. Per doz., 10 cts.; per 100, 50 cts.

Japanese Fern Ball. (*New.*)

For the Window, or suspended over Dining Table, or for Fern Dishes.

Japanese Fern Roots are woven around a ball of moss and these roots send out beautiful sprays of emerald green fern leaves from every point, soon covering the whole surface.

Directions. — Place ball in water for several hours and then suspend iu any desired position; repeat every two days until growth has started, after which water occasionally as required, being careful that it does not become dry. To use in fern dish cut ball iu halves, placing flat side down, thus getting two dishes of beautiful ferns. The Fern Ball may be allowed to dry up at any time and be set away aud started again by watering as before.

The Fern Ball will be from one to four weeks in starting, according to degree of heat and moisture. Do not expose to direct rays of sun. Ready in December. Price, postpaid, 72 cts.; per express, 60 cts

Prices postpaid by us, or express at purchaser's expense, as noted under each item.

SMALL FRUITS.

Will our friends, if possible, kindly send in their orders for these, except strawberries (which please see), by April 10.

☞We cannot possibly fill orders for Small Fruit (Potted Strawberries excepted) in the Fall, nor can we fill orders for them after May 10.☜

☞Small fruits should *be planted out immediately on arrival.☜*

STRAWBERRY PLANTS FRESH FROM OUR OWN GROUNDS.

For hill culture plant 15 by 15 in ; for matted growth, make rows 4 ft. apart, and plant 18 in. apart in the row. Those marked with P are pistillate varieties, needing staminate (S) sorts near them. Shipping season for layer plants will be the month of April and to May 15. *No plants except potted varieties sent after May 15.* We can supply from August till October potted plants of those varieties marked with * at 50 cts. per doz., $2 50 per 100, per express or freight, at purchaser's expeuse. We cannot possibly supply layer plants in the fall.

Few varieties do equally well in all localities or on all soil. Those we have selected are not only in the first class because of their general excellence, but with the exception of Marshall, they come nearest to doing well in all localities and on all soils, according to the testimony of every Agricultural Experimental Station, and of the largest strawberry growers, which we can endorse in part from our own observation and experience.

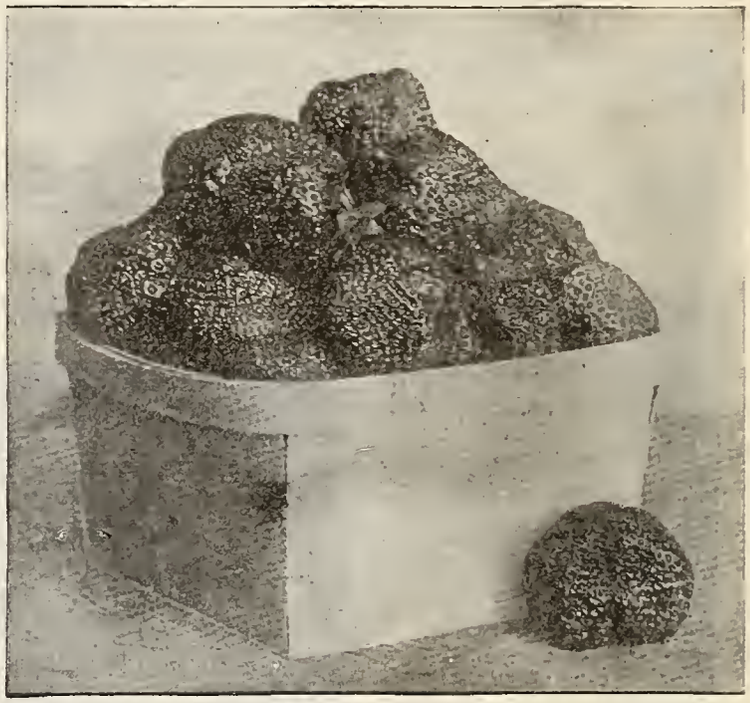
THE COMMONWEALTH STRAWBERRY (S). (New.)

In July, 1903, when the strawberry season was about over, Mr. William H. Munroe, of Beverly, Mass., invited us to call and see a new strawberry that he had originated, which he had called the "Commonwealth." Though so late, we found the crop just in its prime, a sight worth going many miles to see The berries were enormous in size (14 of them filled a quart box) and the crop a sight to behold. The berries were generally symmetrical in form, of a rich, dark color, and solid to their centre, and their quality excellent. The plant, though not so rank as the Marshall, is a strong grower, hardy, showing no sign of rust, while the new plants set at just about the right distance to crop well. It is a strong, staminate variety. In competition with the Marshall and other staudard kinds it has twice taken the first prize at the exhibitions of the Massachusetts Horticultural Society. If there are any two men in the United States who ought to know a good strawberry when they see it, they are Mr. Benj. Smitb, who originated the well-known Beverly, and Mr. George Pratt, original introducer of the famous Sample.

Mr. Smith writes of the Commonwealth: "For the past two years I have watched Mr. Munroe's new seedling, and for size, productiveness, quality and lateness I consider it a wonder."

Mr. Pratt writes: "The Commonwealth, in my opinion, is the best thing in the strawberry line ever put upon the market. It is as productive and large as the Sample, and certainly a week later in ripening. Flesh very firm."

We might add to these recommendations, but we think these two, from men of such experience and calibre, are enough to satisfy any old strawberry grower of the great merits of the Commonwealth. Price, per doz., postpaid, 50 cts. ; per 100, postpaid, $2.00 ; 100, per express, $1.80.



ROUGH RIDER (S). (New.)

A seedling of Eureka fertilized by Gandy. The originator claims that it is both the latest and the firmest berry in existence. Good pickings have been had from it as late as August 1. Berries very large, enormously productive, and vines free from disease. Color dark red. In Boston, 17 crates, July 1, brought from 16 to 20 cts. per qt. It has been shipped without ice, July 12, 350 miles in express cars and sold for 12 cts. per qt. Perfect blossom. Price, per doz., postpaid, 30 cts. ; per 100, postpaid, $1.00 ; 100, per express, 80 cts.

*THE SAMPLE (P).

Professor Maynard, of tbe Massachusetts Agricultural College, found that *it bore the largest berries and yielded the greatest crop of any of the 200 varieties he fruited in* 1898. This is no coxcomb berry, but regular in form and of fine flavor. Three of its strongest recommendations: First, that it colors all over at once; second, that there are as many fine berries in the middle of the bed as on the outside; and third, it has such vigor that, if the land has been well manured and kept clean, *it will bear just about as many the second season as the first.* The Sample is a rich, scarlet berry, sufficiently hard for a near market. It will yield as many berries as the Clyde or Haviland, while they will average as large as the Marshall. The estimate of the old Strawberry growers who saw Mr. Gowing's bed was that the crop was at the rate of 500 bushels to the acre. The Sample, being a late variety, comes after the glut is over. Price, per doz., postpaid, 30 cts. ; per 100, $1.00 ; per 100, per express, 80 cts. ; per 1,000, $5.00.

MAXIMUS (S).

A new berry introduced by J. H. Hale, the famous strawberry and peach grower. "Perfect bloomer ; plant strong and robust, heavier and broader-leaved thau William Belt. Produces two and four fruit stalks to a plant, all of them well filled with large to very large berries. Berries conical, deep, glossy scarlet, never misshapen ; flesh pink, sometimes white at the centre, very tender, of mild flavor ; is good for fancy and nearby markets, on account of its size and beauty. June 20, 1898, a week after the height of the season, H. L. Jeffery picked from my bed ten berries that filled a quart basket." Price, per doz., postpaid, 35 cts. ; per 100, postpaid, $1.00 ; per express, 80 cts.

*CLYDE (S).

Fruit very large, light red, couical, firm and *best* quality. Season early and long. Plant very vigorous, plenty of runners, hardy, and very productive. Price, per doz., postpaid, 30 cts. ; per 100, $1.00 ; per 100, express, 80 cts. ; per 1,000, $5.00.

*NICK OHMER (S). (New.)

A great surprise is in store for all who fruit this strawberry for the first time ; its mammoth size, beautiful color, and great productiveness being really astonishing. The plant is exceediugly vigorous, with clean, healthy foliage, without the slightest tendency to rust. The berries are of the largest size—a perfect giant among strawberries—roundish-couical in form, uniform and regular, rich, glossy crimson, firm and solid. Price, per doz., postpaid, 30 cts. ; per 100, postpaid, $1.00 ; per 100, express, 80 cts.

WORLD CHAMPION (S).

Fruit stem very stont, berries very large, and yield so heavy that some of the pickers gathered over 100 qts. in four hours. Good form, fine color, solid flesh, as red as a blood orange ; very late, and will keep exceptionally well after picking. It runners abundantly ; blossoms perfect, hence needs uo other variety to fertilize it. Price, per doz., postpaid, 30 cts. ; per 100, postpaid, 80 cts. ; per 100, express, 60 cts.

*GLEN MARY (S).

Plant a good grower, runners abundant. Fruit very large ; form irregular-conical ; dark crimson color ; good quality. Very productive, and one of the most promising of the newer varieties. Price, per doz., postpaid, 30 cts. ; per 100, 80 cts. ; per 100, express, 60 cts.

Of 400 varieties tested at the Agricultural College in Canada Glen Mary was one of the dozen best.

☞Please send in your orders for small fruits early, for by so doing you will be the better satisfied.☜

*The Marshall (S).

A distinct variety, having the wild strawberry flavor. It needs extra treatment. Three thonsand quarts were picked from one-third of an acre in 1892. Berries enormous iu size, fourteen filling a basket. Color very dark, extendiug throngh the berry. Nice for home garden or for fancy marketiug. Per doz., postpaid, 30 cts.; per 100, 80 cts.; per 100, per express, 60 cts.; per 1000, $5.00.

Alpine Monthly (S).

The great merit of this variety is that *it continues to bear until frost comes.* The fruit, though very rich in flavor, is of small size; and it is not a beavy cropper, but a variety that, instead of having a season of but from two to three weeks, as is the case with most other strawberries, will enable you to make a present to the sick, as acceptable as it is surprising, *through a period of five months;* is deserviug of a small plot iu every garden. If the first crop is removed as soon as set, the later crop will be more abundant. Price, per doz., postpaid, 30 cts.; per 100, 80 cts.; per 100, per express, 60 cts.

Lester Lovett (S).

A new strawberry which in many traits closely resembles the Gandy, especially in ripening late when strawberries are scarce and high. Vines very strong and vigorous, entirely frec from rust; a perfect blossom. A great cropper; fruit very firm and of rich flavor. Price, per doz., postpaid, 35 cts.; per 100, $1.00; per 100, per express, 80 cts.

The Perfection Currant.

Awarded the Barry Medal, the fifty dollar gold medal of the Western New York Horticultural Society, July, 1901, after three years' trial. The first fruit to receive this grand prize for ten years. Also received Highest Award given any uew fruit at the Pau-American Exposition.

Color, bright red. Size larger than Fay, with larger bunches having long stems making them easy to pick. A great cropper, being superior to Fay or any other large sort. Quality less acid and better tban any large curraut iu cultivation. A good grower, with foliage remarkably large and healthy. At New York Agricnltnral College it was tested **for three years in competition with sixty** varieties and ou its general merits came out ahcad of all introduced varieties.

"The clusters and tbe berries were unusually large and fine, aud struck me as being very attractive."—L. H. BAILEY, Prof. at Cornell.

"We think you have selected a good name for the curraut, as it is about as near the ideal currant as any we have seen."—W. & T. SMITH.

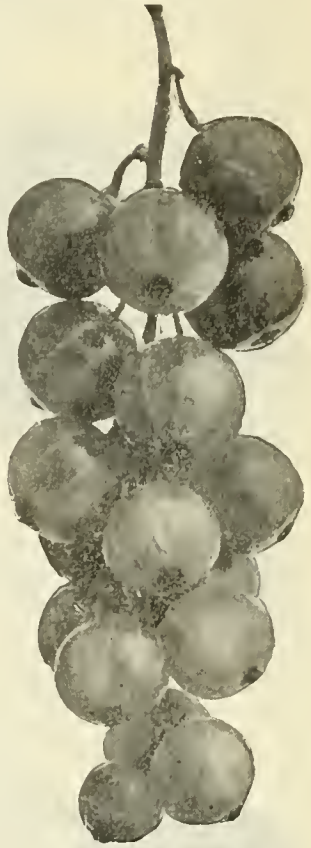
"We shonld regard this as a very great acquisition."—SMITH & POWELL.

"I have watcbed your new Currant, called Perfection, with interest, and it appears to me to be an introduction of much value."—MESSRS. ELLWANGER & BARRY.

"Its large size, its fine clusters, and its general appearance, permits us to truthfnlly say that it is worthy of dissemination."—E. SMITH & SON.

"It certainly is of fine quality, and a fiue buuch and berry."—STORRS & HARRISON CO.

Price, postpaid, 50 cts. each; per doz., $5.00.



Perfection Currant.

CURRANTS.

Plant on deep, strong, rich soil, 4 by 5 ft. apart. Cut back young shoots one-third every year. To protect from currant worms, dust with hellebore at time of blossomiug, when dew is on, and repeat when fruit is full-growu.

North Star Currant. (*New.*) We endorse the following description of this new variety: "The bushes are very strong growers; give them plenty of room and keep grouud well manured; bunches over 3 in. long are freely produced. This combines extreme hardiness, vigorous growth, with good quality aud great productiveness." Price, per mail, postpaid, 15 cts.; per doz., $1.25; per doz., per express, $1 05.

President Wilder Currant. (*New.*) Mr. Barnes, the largest currant grower along the Hudson river, is so well pleased with this currant that he will plaut it hereafter iu preference to any other. It is as large as Fay's and as early, but it makes a longer and better filled bnnch. and is more productive. *It will remain in good shipping order over a fortnight longer.* As a table fruit it retains its bright red color, not turuing dark like Fay's and Cherry's; is not so acid as Fay's, and has a rich flavor which is very agreeable. One, postpaid, 15 cts.; per doz., 75 cts.; per doz., per express 55 cts.

Fay's Prolific. As large as Cherry, and with larger bunches; rapidly superscding it. Price, postpaid, one, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, $5.00.

Cherry. The old standard, large red. **White Grape.** The best white. Price, postpaid, one, 15 cts,; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, $4.00.

Victoria. A splendid variety, great bearer, bunches extremely long. Price, postpaid, one, 15 cts.; per doz., 75 cts.; per doz., per express, 55 cts.; per 100, $4.00.

Pomona Currant. This excels in productiveness, quality, and in fewer seed than other varieties. The following points are claimed for it: 1. A most vigorous grower. 2. A perfectly healthy, hardy plant. 3. The most productive. 4. The sweetest aud best in quality, not haviug the unpleasantly stroug currant flavor, makiug it a very choice dessert frnit to eat, as strawberries, with sugar and cream, and second only to strawberries. 5. Continues in profitable bearing a greater number of years than any other sort. 6. Is of good size, larger than Red Dutch or Victoria. 7. Retains its foliage uutil after fruit is all gathered, thus preventing sun-scalding. 8. Will hang on bush in good condition longer than any other sort. 9. Has fewer and smaller seeds than auy other. 10. Comes into profitable beariug earlier than any other sort. Price, one, postpaid, 15 cts.; doz., 75 cts.; doz., express, 55 cts.; per 100, $5.00.

Johnson's Mammoth Cranberry Plants.

Johnson's Mammoth Cranberry

Cape Cod or Bell Cranberry.

When Cooked Far Superior to the Common Variety.

There are a great many varieties of the cranberry; they differ not only in size and vigor of vines, aud cropping qualities, but iu the form and size of the berries. Old cranberry growers are aware of this fact, and are ever on the lookout for extra large varieties. These cannot always be procured, because those who are fortunate enough to have them, monopolize them. We are pleased, therefore, to be able to offer to our customers one of these giant varieties, Johnson's Mammoth. the berries of which are sometimes an inch in diameter. It is not only a mammoth berry, bnt also an enormous cropper, people coming from all the country around to see the crop, which completely covered the ground, and was the cranberry show of the region. The engraving illustrates the comparative size of Johnson's Mammoth and the common variety. Price, per 1000, postpaid, $5.50; per express, $5.00; per 100, postpaid, 70 cts.

Cape Cod or Bell.

The common sort. Price, per 1000, postpaid, $3.50; per express, $3.00; per 100, postpaid, 50 cts.

Directions for cultivation sent with each lot. No plants sent C. O. D. Prices iu quantity given on application. Plants will be sent in May.

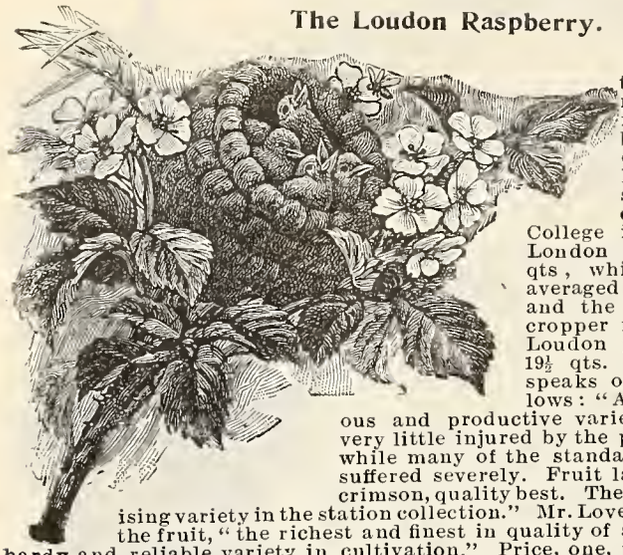
We cannot fill orders for **SMALL FRUITS. — Continued.** *Small Fruits in the fall.*

Plant Black Cap variety 5 ft. apart each way; the other kinds, 4 ft.

RASPBERRIES.

Plant shallow, and cut back the canes. Leave but three or four suckers to grow.

The Loudon Raspberry.



Of the thirteen varieties of red raspberries tested at the Massachusetts Agricultural College in 1896, the London yielded 49½ qts, while the lot averaged but 12½ qts., and the heaviest cropper next to the Loudon yielded but 19½ qts. The report speaks of it as follows: "A very vigorous and productive variety. It was very little injured by the past winter, while many of the standard varieties suffered severely. Fruit large, bright crimson, quality best. The most promising variety in the station collection." Mr. Lovett considers the fruit, "the richest and finest in quality of any entirely hardy and reliable variety in cultivation." Price, one, per mail, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, $2.50.

The Cumberland Raspberry.

This new Black Cap Raspberry is endorsed by that veteran fruit grower, George S. Josselyn, who writes, "They were delicious and were larger than the Gregg, witb not nearly as many seeds;" and by Prof. Bailey, of Ithaca, the well-known horticultural authority, who writes, "They were the wonder of every one who saw them." We add the facts tbat it is among the hardiest of the raspberries, is wonderfully productive, the fruit possessing unusual firmness, making it a good shipper, while the vine itself is an unusually strong and vigorous grower. Price, one, postpaid, 12 cts.; doz., 75 cts.; doz., express, 60 cts.; 100, express, $5.00.

MARLBORO'. Red; strong grower, hardy and productive; early, and continues long in bearing. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, $2.50.

GREGG. (*Black Cap.*) The leading late Black Cap. Very popular market sort. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, $2.50.

Cuthbert. Red; remarkably prodnctive. We advisc all beginners in raspberry raising to plant first this grand old variety. Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, $2.50.

Columbian. This new raspberry appears to be a cross between the red and black varieties. Color, a dark red. It took two prizes at the New York State Fair in 1895; one as the best canning berry, and the other as the best evaporated berry. The introducer states that 3,500 bushes yielded on an average 5 qts. each. Valuable for market *where a dark berry will sell.* Price, postpaid, one, 12 cts.; per doz., 65 cts.; per doz., per express, 50 cts.

Plant vines 4 by 7 and treat as with raspberries,

BLACKBERRIES.

with the exception that they should be cut back to 4 feet.

Eldorado.

Eldorado Blackberry.

Mr. H. E. Van Deman, National Pomologist, says: "Never have I tasted any blackberry equal to the Eldorado." Several of the experimental stations speak emphatically of its *hardiness, quality and productiveness.* The Ohio experimental station ranks it as hardy as the Snyder, bnt with a larger berry, and of better quality. The Eldorado is our favorite berry for family nse. The berries are little jars of temperance wine. It is entirely free from the hard core common to most varieties. The berries, when picked, keep exceptionally well. Price, postpaid, one, 15 cts.; per doz, 65 cts.; doz., per express, 50 cts.; per 100, $3.50.

LUCRETIA DEWBERRY. This is decidedly the best of all the dewberries, or low-running blackberries. It is a superb fruit, melting, and of a delicious qualitv. The plant is entirely hardy everywhere, a healthy, strong grower and exceedingly prodnctive. Plant 3 ft. by 4 ft. Price, per mail, one, 12 cts.; per doz., per mail, 75 cts.; per doz., per express, 60 cts.; per 100, per express, $3.00.

Rathbun Blackberry.

Our Massachusetts Experimental Station, for whose carefully formed opinions we always had great respect, says of the Rathbun, which was fruited there, that it shows decided merits. Prof. Bailey, of Cornell Agricultnral College: "It is midway between a blackberry and dewberry (low-vine blackberry) in both habit and carliness. The berries are exceedingly large, glossy, jet black, and of good quality." Price, one, postpaid, 15 cts.; per doz, 75 cts.; per doz., per express, 60 cts.; per 100, $4.00.

KITTATINNY. Very large, exceedingly productive; tender at the North. Price, postpaid, one, 15 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, $3.50.

SNYDER. The hardiest; enormously productive. One of the best for market. Price, postpaid, one, 15 cts.; per doz., 65 cts.; per doz., per express, 50 cts.; per 100, per express, $3.50.

Campbell's Early Grape.

The King of American Grapes.

This is confidently believed to be a grape in all respects better adapted to general nse in all sections suited to our native varieties, than any other which has yet been grown and tested. Vine very strong, vigorous, hardy, with thick, healthy, mildew-resisting foliage, always setting its fruit well, and bearing abundantly. Berries often an inch or more in diameter; black, skin thin, but very teuacious, bearing handling and shipping admirably. Flavor, rich, sweet, slightly vinous; with no foxiness, coarseness or unpleasant acidity from the skin to the centre. Ripens earlier than the Concord. Has hung upon the vines, in the fall of 1898, sound and perfect for *ten weeks* or more after ripening As a keeper and shipper, it is believed to be unequalled by any other American grape.

We give a few testimonials from among over 600 received by its propagators from persons residing in Thirty-nine States and the Canadas, many of them very prominent horticulturists.

Mass. Agricultural College, Amherst, Mass., Oct. 14, 1897.

Judging from this sample of fruit, and the growth of the young vines we bought of yon last spring, I am led to think that the Campbell's Early is the most promising variety of recent introduction. S. T. Maynard, Professor of Horticulture.

Parksville, Va., Nov. 2, 1897.

The vine of Campbell's Early Grape which yon sent me last spring has grown vigorously. I believe this grape is destined to be the leading early black variety, both for home and market use. H. E. Van Deman, Formerly Pomologist U. S. Dept. of Agriculture.

South Glastonbury, Conn., Nov. 1, 1897.

Campbell's Early is certainly a surprise party. It is a superb shipper, and so much better than any of the early grapes, it ought to prove very valuable, for the family vineyard and for market. The vine I planted last spring, with thirty other varieties, made the finest growth of any in the plot, more vigorous than Moore s Early, Concord, Worden, or Niagara.

J. H. Hale.

AWARDS. — Wilder Medal, American Pomological Society, 1897. Medal of excellence, American Institute, 1897. And First Premiums from many Agricultural and Horticultural Societies.

The vines we advertise are not weak, hothouse plants, but strong, outdoor growers. We have raised this grand grape on our own grounds, and can heartily endorse all that has been said about its carliness, hardiness, vigor, productiveness and the size and rich quality of the fruit. Price, one, one year, postpaid, 35 cts.; ten for $3.00; ten, per express, for $2.75. Two years, one, postpaid, 50 cts.; ten for $4.50; ten, per express, for $4.00.

We cannot fill orders for these in the fall.

FRUIT TREES.

Per express or railroad, at purchaser's expense for charges.

Standards. From five to seven feet in height. Prices per doz. or per 100 upon application.

Apples.

Summer.

Red Astrachan. Large, roundish, deep crimson, juicy, rather acid. Ripens in August..... $0.45
Golden Sweet. Large, yellow, rich, sweet. August and September..... .45
Sweet Bough. Large, pale yellow, tender, juicy and sweet. August..... .45
Yellow Transparent. Russian, yellow, tender, and juicy. August..... .45

Fall.

Fameuse, or Snow. Deep crimson, delicious. November to January..... .45
Gravenstein. Very large, striped, juicy. September and October..... .45
Maiden's Blush. Large, yellow and red. September and October..... .45
Oldenburg Russian. Large, striped, juicy; very hardy. September..... .45

Winter.

Baldwin. Bright red; the market sort at the East. December to March..... .45
Hubbardston Nonesuch. Striped red and yellow. November to January..... .45
Northern Spy. Striped red; a fine dessert fruit. December to June..... .45
King of Tompkins. Red striped and juicy. November to January..... .45
Rhode Island Greening. Green, rather acid. December till April..... .45

Crab Apples.

Hyslop's. Large, deep crimson. ripening September..... .45
Red Siberian. Small, yellow and scarlet. September..... .45
Transcendent. Medium, red and yellow. September..... .45
Van Wyck. Large, bright red, firm, sweet. September..... .45
Whitney. Large, greeu. August and September..... .45
Yellow Siberian. Large, goldeu yellow. September..... .45

Pears.

Bartlett. Large, juicy; rich flavored, ripening in September....$0 50
Wilder. Bright yellow; the best keeper of the earlies. August.. .50
Seckel. Browu, juicy, melting, high flavor. September aud October..... .50
Sheldon. Large, roundish, russett and red, deliciously sweet. October..... .50
Anjou. Large, melting, sprightly. November and September... .50

Peaches.

Early Crawford. Very large, freestone. Ripens in early September..... .25
Late Crawford. Large, yellow, juicy, freestone. End of September..... .25
Crosby. Hardy, yellow-fleshed, freestone. Middle of September. .25
Elberta. Large, yellow, said to be the best freestone. Early August..... .25

Plums.

Abundance. Large, amber, turning to cherry. Very sweet..... .50
Burbank. Cherry réd with yellow dots; bears abuudautly..... .50
Bradshaw. Very large, dark violet red; juicy, sweet. August.. .50
Coe's Golden Drop. Yellow, rich and sweet. End September.. .50
Lombard. Violet red, sweet and juicy, very prolific. September. .50

Cherries.

Black Tartarian. Very large, purplish black. Ripens end of June..... .65
Coe's Transparent. Pale amber and red, fiue. End of June.... .65
Governor Wood. Clear, light red, tender and delicious. End of June..... .65
May Duke. Large, dark red, tender, slightly acid. Middle of June..... .65
Montmorency. Large, red, slightly acid. First of July..... .65

BOURGEAT QUINCE.

This fine new quince cooks like apples without the hardness of other sorts. They have sold thus far in the markets at double the price of other sorts. Season on from November. Prices, per express, 5 to 6 ft. higb, 60 cents.

F. E. Young, Esq., writes:—"The Bourgeat Quince is of the largest size, golden color, smootb and best in quality. Tbe trees are the strongest growers and have no leaf blight. They are immense bearers and late keepers."

GRAPES. (See Campbell's Early, page 72.)

Moore's Diamond. (New.) The fruit is equal to many of the best sorts, and ripens earlier than Concord. The color is a delicate greenish white, with a rich yellow tinge wheu fully ripe; very few seeds, juicy and almost entirely free from pulp. Price, postpaid, one, 15 cts.; per doz., $1.00; doz., express, 75 cts.

Empire State. Very hardy, white, tender, juicy, sweet aud rich. Price, postpaid, one, 15 cts.; per doz., $1.00; per doz., per express, 75 cts.

Niagara. White, ripens a little later than Coucord, good bearer. Price, postpaid, one, 15 cts.; per doz., 85 cts; per doz., per express. 60 cts.

The Salem. The No. 53 of Mr. Rogers' famous seedliugs. This, by mauy, is ranked as the best of Mr. Rogers' grapes. The vine is a strong grower; very productive, producing large bunches of red grapes of large size; very sweet, and with the rich flavor of its foreign parent. Price, postpaid, one, 15 cts.; per doz., 85 cts.; per doz., per express, 60 cts.

Green Mountain, (or Winchell). An early white grape, ripeuing with Moore's Early. Clusters of medium size, often shouldered; berries a little larger than those of the Delaware; greenish-white when fully ripe; skiu thin, aud quality fine, pulp being teuder and sweet, quite free from foxiness. It is specially well adapted to northeru localities. Price, postpaid, one, 25 cts.; per doz., $2.50; per doz. per express, $2 25.

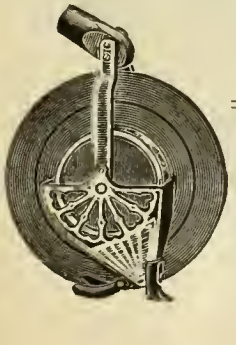
Moore's Early, Concord, Delaware, Brighton. Standard sorts. Price, postpaid, one, 15 cts.; per doz, 85 cts; per doz., per express, 60 cts.

The McPike. (New.) Another new grape which has caused quite a stir in the horticultural world in its strong combination of that trio of requisites wbich all experts are eagerly seeking in their model grape, viz.: quality, hardiness and earliuess. It is earlier than the old standby, the Concord, fully as hardy aud vigorous, while it far surpasses it in quality, both in sweetness, tenderness of pulp, and richness of flavor. The berries are three in. in circumference. Excellent either for the table or the market. Price, postpaid, one, 40 cts.; per doz., $4.25; per doz., per express, $4.00.

GOOSEBERRIES.

Plant four by five feet, in deep, rich soil, in as cool a location as possible. Protect from currant worms by the use of hellebore, as directed for currants.

The Josselyn or Red Jacket Gooseberry. (New.) Says Josselyn: "This berry is as large as the largest; very prolific and hardy; quality and foliage the best. For seven years no mildew has ever appeared on the Red Jacket." On our grouuds it is larger thau the Downing. Color red. Price, postpaid, one, 15 cts.; per doz, $1.50; per doz, per express, $1.30.



Smith's Improved. A large pale-yellow variety, of excellent quality; exceedingly prolific, and of vigorous growth. Price, postpaid, one, 12 cts.; per doz., $1.00; per doz., per express, 80 cts.

Houghton's Seedling. Red in color; very productive. Not subject to mildew. Price, postpaid, one, 12 cts.; per doz., 75 cts.; per doz., per express, 55 cts., per 100, $4.00.

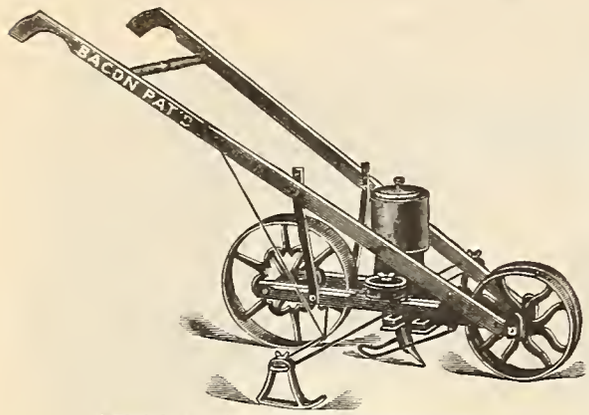
EUREKA KITCHEN-GARDEN DRILL.

Useful also for hot bed planting for it sows close up both sides. A simple but effective little seed drill which will do the work infinitely faster and better than hand work. It sows and covers beets, cabbage, carrots, celery, lettuce, onions, radishes, spinach, turnip, and all such seed with great regularity. You stand in au upright position when sowing. The force feed brush inside of the hopper, and the furrow shoe which may be raised or lowered, make the Eureka superior to all other hand seed drills. Price, per express, at purchaser's expense, $1.00.

IMPLEMENTS.

See also Page 73.

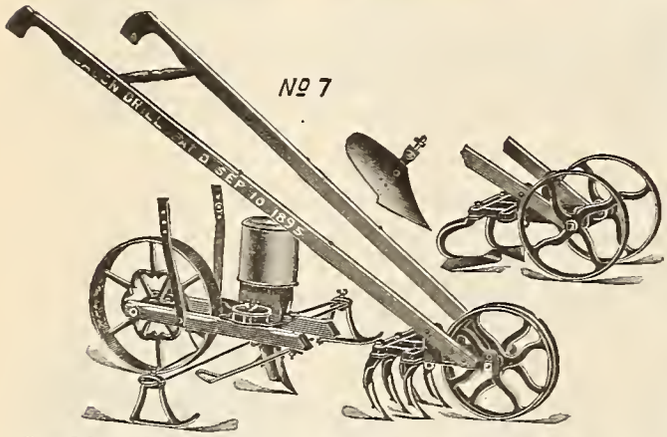
MICHIGAN SEED DRILLS.



Michigan Seed Drill, Improved.

☞In case a drill only is wanted, order the Michigan Seed Drill (*Improved*). But if both drill and cultivator, order the combined Michigan Seed Drill and Hand Cultivator. (*See engraving.*)☜

In the course of a long farming experience, we have used on our farm about every seed drill made in the United States. All had their good qualities, and all had their defects. Having tried several other patents without getting what we wanted, we found a new one on the market, which originated in the West, named the "Michigan." We heartily recommend it to our customers. Some of its excellent characteristics: 1. The feed is not a modification of any of those already in use, but is an entirely new device, and while sowing onion, cabbage, turnip and that class of seeds equal to the best drills on the market, it will also sow parsnips, carrot, salsify, beet, mangel wurtzel, prickly spinach, and other seeds of that class equally well, getting *an even row* with light seeding, thus making a saving of seed, and labor in thinning. 2. It is simple in construction and operation, with no complicated adjustments to get out of order. 3. All the adjustments are made by thumb-screws, thus obviating the necessity of carrying wrenches or tools. 4. It has two wheels, the second one for use when it is desired by obtaining extras (*see below*) to have a machine like No. 7. 5. Without stooping, one movement of the hand will raise or lower both markers, lower one marker and raise the other, or reverse them as desired. 6. The seeds in sowing are in full view, and if there is any failnre to drop, from the clogging of the opening or any other reason, it will instantly be detected. 7. It is easily thrown out of gear for moving from one place to another. 8. That the "**Michigan Seed Drill**" has no superior, if any equal, has been demonstrated by numerous trials in competition with the best drills made.



Combined Michigan Seed Drill and Hand Cultivator.

We also offer the **Combined Michigan Seed Drill and Hand Cultivator,** having five teeth, two hoes and two plows, for use in cultivating. This has been improved in having two front wheels instead of one. It can be used, allowing work to be done between two rows of plants or so that both sides of a row can be worked at once. As a combined drill and cultivator, this has none of the objectionable features of the ordinary tool of this class—the parts requiring no modification to combine them. The drill part is detached from the cultivator by the removal of but two nuts.

The Michigan feed, by a very simple combination, not only gives holes or passages suitable to the various seeds, but also the property of varying the passages in a manner not found in any other drill.

Charles E. Lepper, Akin, N. Y., writes:
"Your new Michigan Seed Drill worked splendid with cabbage and beet seeds."

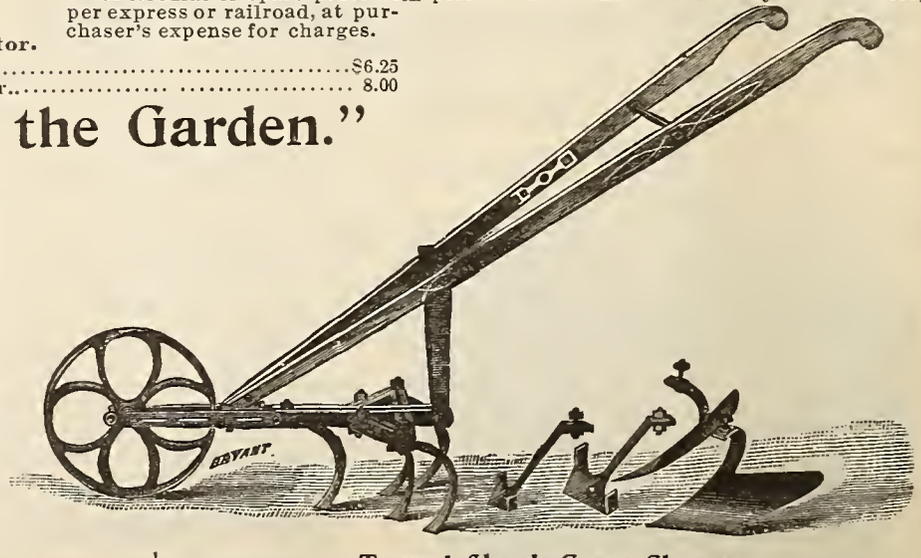
David E. Low, Essex, Mass., writes:
"The Michigan Seed Drill that I bought of you is first-class in every respect. It runs easily and sows the seed evenly."

W. E. Wilson, Gibson, N. H., writes:
"The Michigan Seed Drill sent me from you last spring was a great success."

A circular of spare parts with prices will be enclosed in every drill. Prices, per express or railroad, at purchaser's expense for charges.

Michigan Seed Drill (improved).....$6.25
Combined Michigan Seed Drill and Hand Cultivator..... 8.00

The "Gem of the Garden."



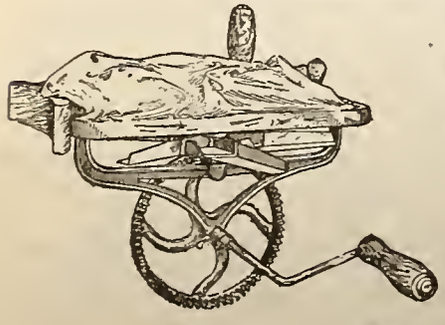
No greater proof can be given of the popnlarity of a tool, or of its intrinsic worth, than the one simple fact of a *continued* demand for it. Say the manufacturers: "During the past few years, we have placed about *fifteen thousand* of the 'GEM' Wheel Hoes in the hands of gardeners, and we are not aware of a single instance in which it has failed to give entire satisfaction to the user."

The set of slender stirring teeth, each stamped from one piece of steel, cannot be excelled for thorough work, especially in hard soil.

Our old customer, Mr. W. Holmes of Davenport, Ia., writes as follows: "For about twenty years I have used, as they were introduced, five or more of the improved cultivators, not one of which failed to pay well; but I have found none which, for thoronghness of work, adaptation to many crops. and ease of handling, and shifting to any desired width or depth, eqnals the 'Gem,' you sold me the past spring. For onion or strawberry culture it leaves but little to be desired." Price, per express or freight at purchaser's expense, $5.00.

New National Broadcast Seed Sower.

(For Grasses and Grains.)



Says the Introducer: "This combines the good features of every other broadcast Sower. It is cheap, strong, durable and accurate. No farmer can afford to sow bis seeds by hand (the old way) when he can get one of the New National at our price. By the superior construction of the hopper and attachment of the sack it sows out clean." Price, per express, at purchaser's expense, $1.50.

Full directions sent with each sower.

Trowel Shank Grass Shears.

The Trowel Shank Grass Shears are of American make. Both blade and bow are of tempered steel. It has stood the test of years, and is highly recommended as the easiest cutting grass shears made.

These shears are made of tempered steel. The blades are 5½ in long, and the handle parts are made to fit the hand so that it is one of the easiest to use.

Price, per mail, postpaid, 60 cts.; per express, 45 cts.

Forged Steel Garden Trowel.

The blade and shank of these are made from one piece of steel, and are exceptionally strong and stout. Price, per express, at purchaser's expense, 40 cts.; per mail, 50 cts.

Steel Garden Trowel.

These are made of fine cold-rolled steel, with malleable iron shank, firmly riveted. An excellent article of their kind. Price, per express, at purchaser's expense, 15 cts.; per mail, 25 cts.

☞At mail rates, as given, we pay postage on all seeds.☜

IMPLEMENTS.—Continued.

Nonesuch Sifter. (*New.*)

For Applying Powdered Insecticide, Lime, Plaster, etc.

The best sifter made. Made on the only correct principle that insures a nniform distribution of any dry fine powder, with very little work and will uot clog. The perforations in each of the two bottoms of this sifter are so eveuly balanced that the upper one never allows so much material to go on the hottom as to clog it, making the work easy and reliable. By its use one-third of the usual quantity of powder will he saved. Most people prefer to use dry material against insects, aud on every farm are some crops that must he treated dry, like cahhage for cabbage worms, vine crops for the striped hngs which cannot he poisoned with Paris Green, and this little sifter will do the work to perfection. Price, per express, 40 cts. each.

We have in use on our own seed farm in Middleton, Mass., all of the various implements invented by that ingenious man, Solomon Fuller, and are exceedingly well pleased with them.

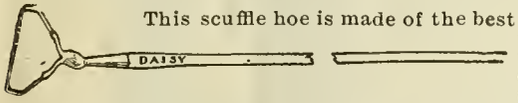
Fuller's Ideal Slide Hoe.

Among beets, onions, carrots and all closely planted crops, this hoe does excellent work. Among its good points are its easy regulation to any height or pitch desired hy means of thnmh nuts; the doing away of any wabbliug motion of the wheel, hy means of a set screw. It is for all stages of plant growth, having advantage over the double wheel hoe in that it can be used when the plants are large.

Gardner Farm,
Peahody, Mass.
Mr. Fuller: "I have worked at market gardening for more than fifteen years aud have never found a wheel hoe equal to yonr 'Ideal.'
C. E. HINKLEY.

Middleton, Mass.
Mr. Fuller: — "We have worked as market gardeners for thirty years and find your 'Ideal' hoe gives the best satisfaction of any we have ever used."
J. B. SANFORD & SON.

Daisy Scuffle Hoe.



This scuffle hoe is made of the best quality of very light, narrow steel, for hoeing and thinning celery, lettuce, aud all similar crops. The handle is abont four feet and a half loug and the blade, heing sharp on hoth edges, cau he used to good advautage among all rnnniug vines and also iu the cahhage field without injuring the stocks or breaking the leaves, while the soil is left smooth iustead of in ridges as by ordinary methods. For ladies' nse in the flower garden and in all places where a light, useful tool is wanted, this is far ahead of any yet placed on the market. Price, per express, at purchaser's expense, 6-iu. blade, 40 cts.; 8-in. bladc, 50 cts.

Fuller's Improved Surprise Weeder. (*New.*)

We here offer an invention which cannot fail to commend itself to every one iuterested in market gardening. It is light, weighing but nine pounds. One improvement is in the wheels being arranged to run nearer the middle of the rows; auother is having shields to protect the young plants. No one who raises onions, heets, carrots, spinach, dandelions or any closely planted crops can afford to be without this lahor-saving impsment. It straddles the row and does away with more than half the weeding and by means of a thumb nut the knives can be used very close to the row without injury to the tender plants; in fact, it saves weeding until the crops have attained sufficient size to escape injury which usnally attend the first weeding. For the first cultivation this weeder stands above all others and will pay for itself with the first day's using. Try it and be convinced of its merits. Price, per express, $4.00.

Sonth Peahody, Mass
Mr. Fuller:—"I have nsed your 'Surprise' weeder and consider it far ahead of any tool I have ever used or seen."—EDWARD E. TAYLOR.

New Era Sprayer.

Thonsands of these machines are now used all over the United States, and are giving great satisfaction. Highly recommended as an insect exterminator for killing plant lice, flea beetles, aphids, green fly, mealy bugs, etc., such as attack cabbage, squashes, melons, cucumbers, and small fruits of all kinds. Capital, also, for keeping flies from cattle and horses. The following formula is perfectly harmless to man or beast, but very obnoxious to insects: "Fish oil, 2 quarts; crude carbolic acid, 1 pint; oil pennyroyal, 1 onnce; oil of tar, 8 onnces. Always see that the leather plunger is well oiled; occasionally take out and clean. Always clean and dry the reservoir before putting away. We can supply these in treble tube. Brass, $1.00, per express, at purchaser's expense.

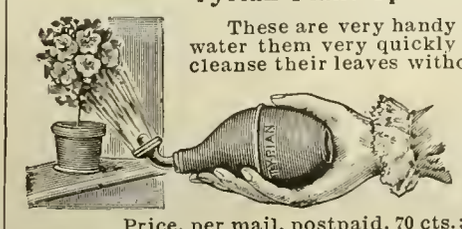
Stahl's Brass Excelsior Sprayer. No. 19.

For a good, cheap outfit this is among the best on the market, both as regards the material nsed in the construction, as well as the price at which it is sold. The cylinder, anu in fact all the working parts, are brass, being thus constructed of material that will resist the action of fungicides. The nozzle furnished with this ontfit can he regulated to throw auy desired spray as wanted. This pump will throw a solid stream 50 ft., and is without doubt the best cheap spraying outfit on the market. It is also very conveuient for spraying flowers, roses, etc. Price per express at purchaser's expense, $4.25.

Fuller's Ideal Pulverizer.

This new hand implement, after the style of the famous Breed's weeder, is a capital tool to rnn hoth ways over small stuff hefore the seed break ground, and also after the plants are fairly up. Contrary to what might be expected, the teeth do no practical damage to the young plants, while they break the earth aronnd them and so kill the weeds hy rooting them up as soon as they are sprouted. There is no tool like this to destroy chickweed, if used as soon as it starts. If the gronnd bakes before the seed start, use the Pulverizer and the plants will push through. Price, hy express, $4.00.

Tyrian Plant Sprinkler. (*New.*)



These are very handy for house plants, as you can water them very quickly withont injuriug them, aud cleanse their leaves without soiling anything near hy. It is a close imitation of nature's own way of watering—*just like rain.* The neck, as will he seen by the illustration, is hent, so as to enahle one to cleanse the nnder side of the leaves.

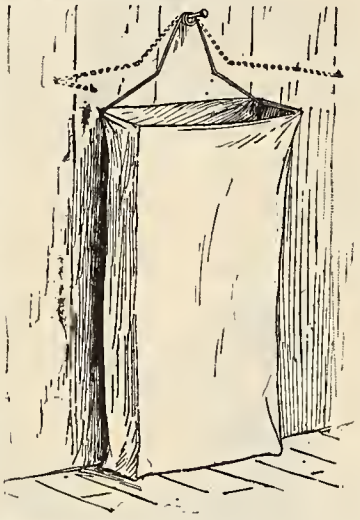
Price, per mail, postpaid, 70 cts.; per express, 60 cts.

Swampscott, Mass.
Mr. Fuller:—"I have six of your 'Surprise' weeders and for weeding and hoeing stnff when small, find they have no equal."—G. B. COURTIS.

Clough's Adjustable Sieve.

We find that this will do the work for which we before required twenty or more different sieves. Capital for cleaning all sorts of seed, beans, peas, grain, etc. The altering of the distance between the bars makes it practically a different sieve at every alteration. Price, per express or freight, at purchaser's expense, $2.00.

Lightning Bag and Sack Holder.



Tbis is not only a bag holder, but a sack holder as well. It is self-adjusting. (See dotted lines for size extended.) The upper part is well adapted to hold in one hand while bran or grain is scooped in with the other hand. In tbis way it is very convenient for millers and others. Also is perfection for holding the mouth of bag open if you want to fill in the bin by drawing the grain in with your hands. The bag is attached and detached as quick as lightning. Hence the name. Don't think, because it's cheap, it is not good. If you don't consider it as good as any bag holder you ever saw, and far more convenient, send it right back and get your money. After you get one you will want another or several. You will find several around the farm, as convenient and desirable as several pockets in your everyday suit of clothes. Price, postpaid, 40 cts.; per express, at purchaser's expense, 25 cts.

Insect Powder Distributer.

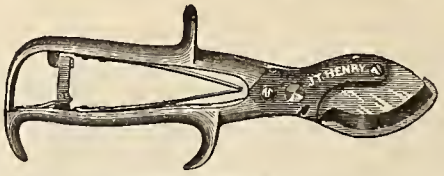
Two rows can be attended to at the same time, and it can be elevated so as to be used on vines and shrubbery, while the feed, being through off-sets, prevents its clogging.

This machine effectually applies Paris Green, London Purple, Hellebore, or Bordeaux Dry Mixture directly to the vines. Simply from one to one and a half pounds of Paris Green to the acre blown on the vines by this fine distributer completes the whole business. In an hour an acre can be readily gone over, and the vines are never injured in the least; whereas when water is used, some of the arsenic is dissolved and burns the vines. No more backbreaking lugging of water.

W. F. Andros, East Hartford, Conn., writes: "Your Distributer simply reduces the cost of exterminating potato bugs to the minimum. It is simple in construction, and not likely to get out of repair."

Price, per express or freight, at purchaser's expense, $4.00.

Toledo Pruning Shears.



Henry Shears.

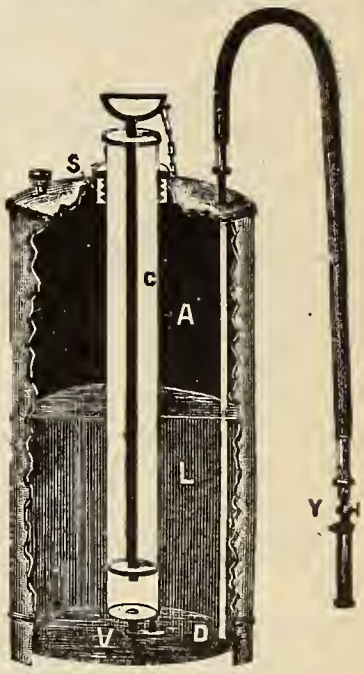
These shears are A1 in quality, over 500 pairs of them having been used in the vineyards of Toledo, Ohio, last spring. But they are looked down upon by many because they are low-priced. When they were $2.00 per pair they were excellent, but when they are 75 cts., they are a "poor thing." The fact is that no mechanic could improve their quality if he were paid $10.00 per pair for them. Price, per express, 75 cts.; per mail, postpaid, 90 cts. Extra blades, 25 cts.; extra springs, 10 cts. For higher-cost shears we would recommend the Henry. (*See Cut.*) Price, per express, at purchaser's expense, $1.25; per mail, $1.40.

The Rochester Self Operating Sprayer.

This is an improvement over most portable sprayers in that it works automatically by compressed air, and as it can be carried along by the operator it reduces the operation of spraying to a pastime.

Directions. The sprayer is filled not more than two-thirds full by unscrewing and removing the Brass Air Pump (C) at point marked "S." The pump is then put back into position and the machine charged with compressed air by working the air-pump. The air enters the Sprayer through the valve (V) at bottom of pump, thoroughly agitating and mixing contents of Sprayer.

The machine is now ready for use; all the operator need do is open the stopcock (Y) and hold the nozzle to direct the spray. The compressed air, being powerful and elastic, forces the liquid out through the outlet pipe (D), making either a fine spray or a solid, continuous stream as desired. By slipping the steel ring over handle of air pump, operator can carry the machine from place to place. This size machine holds from 3 to 4 gallons, weighs 8 pounds. The body is made of Copper. Air pump is made of brass, the valve (V) preventing liquid from entering pump or coming in contact with the plunger.



Price, per express, at purchaser's expense, $5.50.

All sprayers need to be thoroughly cleaned *immediately* after using.

McGee Garden Hoe Cultivator.

The two hoes are always under the control of the operator. It is of the straddler class. Other straddlers are adjustable by screws, and when once set are immovable. In the "McGee" there is no cross-bar connecting the handles, and the result is that the hoes, which are attached to them, are every moment completely under the control of the operator. With the capacity to run close to the growing crop, a large proportion of hand-weeding is saved. The "McGee" is considered invaluable by some of the largest market gardeners in the vicinity of Boston, *where the land is about level and fairly free from surface stones.* Price, per express or freight, at purchaser's expense, $5.25.

SUNDRY AGRICULTURAL REQUISITES.

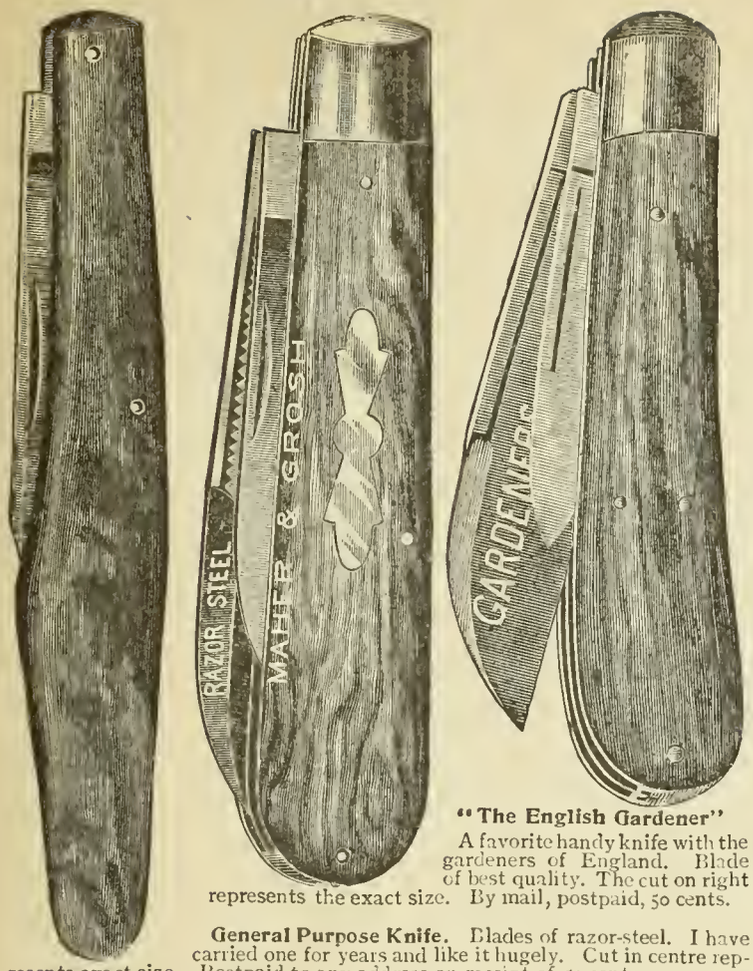
Raffia. For tying up vegetables in bunches.....Per pound, postpaid, 40 cts.; per ¼ pound, 12 cts.

Grafting Wax. A standard article.....Per pound, postpaid, 55 cts.; per ¼ pound, 15 cts.; per pound, per express, 40 cts.

INSECTICIDES. Write for Prices in Quantity.

	Lb. Mail.	Lb. Exp.
Bug Death. (*New.*) Better than Paris Green, for it kills the potato bug but does not burn or blight. Keeps the vines green and thrifty. Very popular. 5-pound package, per express, 50 cts.; 12½-pound packages, $1.00	$0.30	$0.15
Powdered Hellebore. Good against the currant worm	.40	.25
Persian Insect Powder. Good against flies and cockroaches; first-class Insecticide	.50	.35
Hammond's Slug Shot. Good against insects on vegetables. 5-pound package, per express, 40 cents	.25	.10
Powdered Tobacco. Good also against insects	.25	.10
Whale Oil Soap. For a tree wash against insects	.35	.20

Superior Knives.

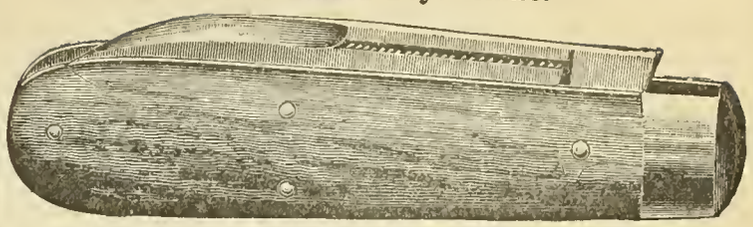


"The English Gardener"
A favorite handy knife with the gardeners of England. Blade of best quality. The cut on right represents the exact size. By mail, postpaid, 50 cents.

General Purpose Knife. Blades of razor-steel. I have carried one for years and like it hugely. Cut in centre represents exact size. Postpaid to any address on receipt of 50 cents.

Budding Knife. Cocoa handle, razor-steel blade. Cut on the left represents exact size. By mail, post paid, 35 cents.

Two-Bladed Boys' Knife.



This makes a nice present for our boys. This is of razor-steel and therefore much superior to the common 25-cent knives in the market. Postpaid to any address on receipt of 35 cents.

Two-Bladed Ladies' Knives.

This is one of the prettiest and most popular of knives. It has an elegant pearl handle, and the blades are of the best quality of steel. By mail, postpaid, 35 cents.

Vest Pocket Knife.

As the above engraving shows, this is one of the handiest knives for the vest pocket. Being small in size, and with rounded ends, it can be both taken from and slipped back into the pocket very quickly. It has a blade on each side of the handle, which makes it always available. Like all our other knives, it comes ground, all ready for use. Price, per mail, postpaid, 45 cents

CORN KNIFE.

When your feet ache so that you want to do something desperate you will wish you had this knife to trim your corns. The blade has a special curve for this work and is tempered very hard so as to hold a keen edge, and can be sharpened on any razor strop.....Price, postpaid, 75c

Lang's Hand Weeder.

This we find to be by actual trial a first-class laborsaver; it will save its cost in a day. The special advantage of this over all other weeders of this class is that it has a band which passes over the fingers, which, when the tool is not in use, gives full use to the hand for pulling weeds and thinning out plants without laying down the tool. It is neatly and strongly made. Price, per express, 25 cents; by mail, postpaid, 30 cents.

Grafting or Paring Knife.

Say the manufacturers: "This kntfe was made from a pattern given us by an old nurseryman, and we have never yet met a man who did not commend them after trying them. This is also in very general use as a paring knife and in steady demand for all round use in the kitchen." We regret that want of space prevents showing our customers a picture of this useful knife. Price, per mail, postpaid, 25 cents.

Hazeltine's Hand Weeder.

(One sixth full size.)

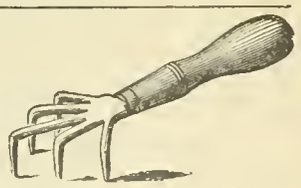
This is not only a good weeder and scraper, but with its point becomes a good implement for the thinning out, where plants are too thick, and for lightening the soil. The blade is solid steel, oil tempered, 7-8-inch wide, 1-8-inch thick, and is sharp on all its edges. Capital for weeding, thinning, and stirring the soil among onions, carrots, strawberries, etc. Price, per express, 25 cents; mail, postpaid, 30 cents.

Fuller's Danvers Weeder.

This is a very strongly built tool; and has the advantage over other hand weeders, which are excellent in their several spheres, that, having a stouter handle, it can be more strongly grasped; and the cutting edge being broader, and the implement in every way stouter made, it can do better work in the thinning and weeding of many crops, especially in hard ground. Used edgeways, it will fairly cultivate the land between closely set crops in hotbeds or otherwise. Writes Mr. H. H. Jacobs: "For thinning cabbage, it beats everything." Says Mr. F. L. Newhall: "It gives me greater satisfaction than any other tool of the kind I have ever tried." Says Mr. C. F. Shillaber: "First-rate for onions and carrots; would not part with mine for five dollars." Price, postpaid, 40 cents; per express, 30 cents.

Excelsior Weeder.

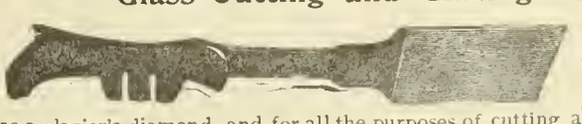
A handy and efficient tool in the flower and vegetable garden, *To be used when weeds are small.* By express, 20 cents; mail, 25 cents.



Combination Tool.

This tool, in addition to the appliances for cutting and setting glass, has also attached to it a steel for sharpening knives and scissors, also a corkscrew; will be mailed postpaid for 15 cents.

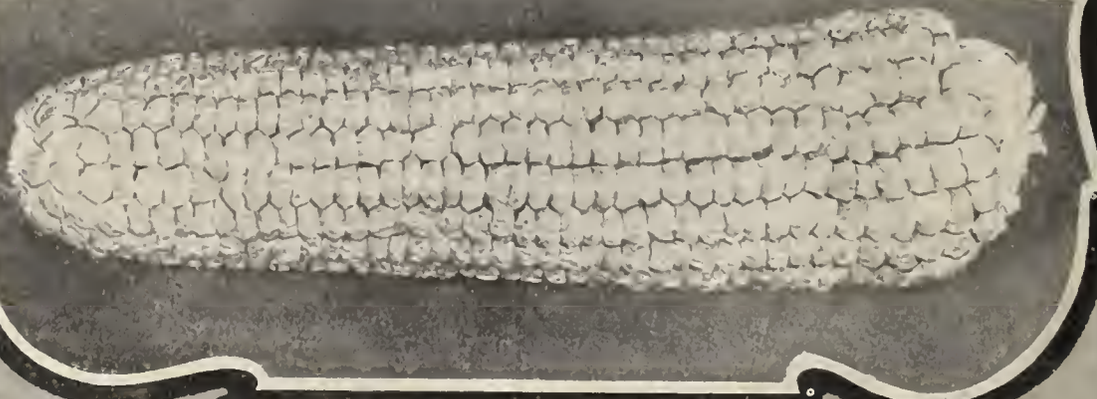
Glass Cutting and Glazing Tool.



Some of our workmen who use this implement find it cuts glass as readily as a glazier's diamond, and for all the purposes of cutting and setting glass is just about equally as valuable, though it costs not one twentieth as much. One we have had in use for several years is now as good as ever. Sent postpaid for 12 cents.

· Early Morn Pea ·

See Page 25.



Gregory's
·Early Mammoth·
Sweet Corn

See Page 4.